

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 26, 2005, 12:46:08 ; Search time 8 Seconds
(without alignments)
3.732 Million cell updates/sec

Title: US09966724B-2

Perfect score: 2372

Sequence: 1 GCACCGCGAGCTGGCTG.....ATTACAGCATGAGCCACCG 2372

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 148 seqs, 6293 residues

Total number of hits satisfying chosen parameters: 296

Minimum DB seq length: 8

Maximum DB seq length: 100

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 148 summaries

Database : rstdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	76	3.2	92	1	CK820619
2	75.2	3.2	88	1	AA809831
3	72.2	3.0	93	1	AA894819
4	71.2	3.0	87	1	T87662
5	69.4	2.9	87	1	AW063866
6	66	2.8	82	1	AA425898
7	63.8	2.7	75	1	CB384159
8	60.4	2.5	70	1	N84707
9	57.4	2.4	75	1	N38861
10	57	2.4	73	1	CK725590
11	55.8	2.4	59	1	AA082835
12	54.6	2.3	61	1	CL528363
13	53	2.2	62	1	CB288037
14	48.8	2.1	55	1	AW059824
15	48.4	2.0	50	1	AU103190
16	47.6	2.0	63	1	D19954
17	46.8	2.0	50	1	AU104029
18	46.8	2.0	61	1	AZ755874
19	46.4	2.0	58	1	BG939604
20	46.4	2.0	61	1	R09768
21	45.4	1.9	55	1	AG199927
22	45.2	1.9	50	1	AU103186
23	45.2	1.9	50	1	AU104438
24	44.8	1.9	56	1	BH770753
25	44.2	1.9	50	1	AU105701
26	44.2	1.9	50	1	AU106333
27	43.8	1.8	54	1	BH770627
28	43.6	1.8	50	1	AU102528
29	43.6	1.8	50	1	AU102534
30	42.6	1.8	50	1	AU102884
31	42	1.8	50	1	AU102529
32	42	1.8	50	1	AU107537
33	41.8	1.8	55	1	AA907571

ACCESSION:AA912807	46	1	AA912807	1.7	41.2	34
ACCESSION:AUI05973	50	1	AUI05973	1.7	41	35
ACCESSION:AUI02521	50	1	AUI02521	1.7	40.4	36
ACCESSION:AUI03074	50	1	AUI03074	1.7	40.4	37
ACCESSION:D25879	50	1	D25879	1.7	40.2	38
ACCESSION:AA020746	50	1	AA020746	1.7	40	39
ACCESSION:AUI06615	50	1	AUI06615	1.7	40	40
ACCESSION:BG497401	50	1	BG497401	1.7	40	41
ACCESSION:RG4664	52	1	R64664	1.7	39.6	42
ACCESSION:A1040713	52	1	A1040713	1.7	39	43
ACCESSION:AUI02524	50	1	AUI02524	1.6	38.8	44
ACCESSION:AUI02535	50	1	AUI02535	1.6	38.8	45
ACCESSION:AUI04437	50	1	AUI04437	1.6	38.8	46
ACCESSION:B00953	51	1	B00953	1.6	38.8	47
ACCESSION:AUI02381	50	1	AUI02381	1.6	38.4	48
ACCESSION:AUI05707	50	1	AUI05707	1.6	38.2	49
ACCESSION:H69549	50	1	H69549	1.6	37.4	50
ACCESSION:R70733	37	1	R70733	1.6	37	51
ACCESSION:AG200058	43	1	AG200058	1.6	36.8	52
ACCESSION:AW247861	48	1	AW247861	1.6	36.8	53
ACCESSION:R89723	40	1	R89723	1.5	35.8	54
ACCESSION:N71938	43	1	N71938	1.5	35.6	55
ACCESSION:H92874	44	1	H92874	1.5	35.6	56
ACCESSION:AA807296	45	1	AA807296	1.5	35.6	57
ACCESSION:AA199768	47	1	AA199768	1.5	35.6	58
ACCESSION:AA812181	47	1	AA812181	1.5	35.4	59
ACCESSION:H84332	42	1	H84332	1.5	35.2	60
ACCESSION:H95705	41	1	H95705	1.5	34.6	61
ACCESSION:R61212	43	1	R61212	1.5	34.6	62
ACCESSION:AA627434	44	1	AA627434	1.5	34.4	63
ACCESSION:R07302	44	1	R07302	1.5	34.4	64
ACCESSION:A1202660	45	1	A1202660	1.5	34.4	65
ACCESSION:A1468217	43	1	A1468217	1.4	34	66
ACCESSION:AA054107	38	1	AA054107	1.4	33.8	67
ACCESSION:H84235	39	1	H84235	1.4	33.2	68
ACCESSION:W96297	40	1	W96297	1.4	33	69
ACCESSION:H14824	41	1	H14824	1.4	33	70
ACCESSION:R07988	43	1	R07988	1.4	33	71
ACCESSION:AG189036	37	1	AG189036	1.4	32.8	72
ACCESSION:AA911358	39	1	AA911358	1.4	32.8	73
ACCESSION:N77004	34	1	N77004	1.4	32.4	74
ACCESSION:T51409	37	1	T51409	1.4	32.4	75
ACCESSION:AA737623	41	1	AA737623	1.4	32.2	76
ACCESSION:H58423	41	1	H58423	1.4	32.2	77
ACCESSION:AA019796	41	1	AA019796	1.3	32	78
ACCESSION:T81581	41	1	T81581	1.3	31.8	79
ACCESSION:AA868654	42	1	AA868654	1.3	31.8	80
ACCESSION:H14827	34	1	H14827	1.3	31.4	81
ACCESSION:R85453	36	1	R85453	1.3	31.2	82
ACCESSION:H99413	40	1	H99413	1.3	31	83
ACCESSION:H45829	38	1	H45829	1.3	30.6	84
ACCESSION:T95881	40	1	T95881	1.3	30.6	85
ACCESSION:T89869	34	1	T89869	1.3	30.4	86
ACCESSION:A1801185	35	1	A1801185	1.3	30.2	87
ACCESSION:H43763	40	1	H43763	1.3	30.2	88
ACCESSION:A1088003	38	1	A1088003	1.3	30	89
ACCESSION:AG201498	33	1	AG201498	1.3	29.8	90
ACCESSION:H67588	35	1	H67588	1.3	29.8	91
ACCESSION:H71137	37	1	H71137	1.2	29.6	92
ACCESSION:N34814	38	1	N34814	1.2	29.6	93
ACCESSION:AA810775	36	1	AA810775	1.2	29.2	94
ACCESSION:BT112512	38	1	BT112512	1.2	29	95
ACCESSION:H56911	37	1	H56911	1.2	28.6	96
ACCESSION:N80471	33	1	N80471	1.2	28.4	97
ACCESSION:T66163	34	1	T66163	1.2	28.2	98
ACCESSION:R92576	37	1	R92576	1.2	28	99
ACCESSION:A1039205	36	1	A1039205	1.2	28	100
ACCESSION:N80349	33	1	N80349	1.2	27.8	101
ACCESSION:T53017	35	1	T53017	1.1	27.8	102
ACCESSION:R84946	28	1	R84946	1.1	27	103
ACCESSION:N38850	35	1	N38850	1.1	27	104
ACCESSION:T99092	30	1	T99092	1.1	26.8	105
ACCESSION:T99092	30	1	T99092	1.1	26.8	106

107 26.6 1.1 34 1 H41735
 108 26.6 1.1 34 1 T60701
 109 26.6 1.1 35 1 T89849
 110 26.6 1.1 35 1 H41155
 111 26.6 1.1 34 1 H43792
 112 25.8 1.1 32 1 T86009
 113 25.6 1.1 32 1 H70643
 114 25.6 1.1 32 1 A2309847
 115 25.6 1.1 34 1 R39218
 116 25.6 1.1 34 1 R36723
 117 25.6 1.1 34 1 AG202966
 118 25.4 1.1 32 1 H46868
 119 25.2 1.1 30 1 H39150
 120 25 1.1 33 1 R94841
 121 24.8 1.0 31 1 T81491
 122 24.8 1.0 32 1 H21549
 123 24.6 1.0 31 1 H26961
 124 24.2 1.0 30 1 A2659725
 125 23.6 1.0 30 1 R96806
 126 23.2 1.0 28 1 H63106
 127 23.2 1.0 28 1 T65402
 128 22.8 1.0 27 1 R07762
 129 22.6 1.0 29 1 T63744
 130 22.4 0.9 25 1 H93534
 131 22.2 0.9 28 1 H58190
 132 21.8 0.9 26 1 AG197173
 133 21.8 0.9 27 1 T97219
 134 21.2 0.9 26 1 A2310123
 135 20.8 0.9 25 1 AG189863
 136 20.8 0.9 26 1 H53363
 137 20.8 0.9 27 1 CF279147
 138 20.4 0.9 25 1 N77071
 139 20 0.8 26 1 R15830
 140 19.8 0.8 24 1 CF302406
 141 19.6 0.8 26 1 H86139
 142 19.6 0.8 26 1 AG197557
 143 19.2 0.8 24 1 AG201709
 144 19.2 0.8 24 1 AG202109
 145 19 0.8 20 1 AG200804
 146 17.8 0.8 22 1 BQ591193
 147 16.8 0.7 20 1 AW249539
 148 16.8 0.7 21 1 AG201647

ALIGNMENTS

RESULT 1
 LOCUS CK820619 92 bp mRNA linear EST 11-MAR-2004
 DEFINITION id99d08.x5 HR85 islet Homo sapiens cDNA clone IMAGE:5085735 3', mRNA sequence.
 ACCESSION CK820619
 VERSION CK820619.1 GI:44837544
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 92)
 REFERENCE Melton, D., Meadows, A., Clifton, S., Hillier, L., Marra, M., Pape, D., Wylie, T., Martin, J., Blais, A., Schmitt, A., Theising, B., Ritter, E., Ronko, I., Bennett, J., Cardenas, M., Gibbons, M., McCann, R., Cole, R., Tsagareishvili, R., Williams, T., Jackson, Y. and Bowers, Y.
 TITLE WashU-Harvard Pancreas EST Project
 JOURNAL Unpublished (2000)
 COMMENT Contact: Douglas Melton, Klaus H. Kaestner, & Hiroshi Inoue
 Endocrine Pancreas Consortium
 Harvard University, Howard Hughes Medical Institute
 Dept of Molecular and Cellular Biology, 7 Divinity Ave, Cambridge, MA 02138

Tel: 617-495-1812
 Fax: 617-495-8557
 Email: dmelton@biohpc.harvard.edu
 This read is a 3' RESEQUENCE of a previously sequenced pancreas clone
 Good hit to opposite strand read. . wrong orientation BUT PASSED FOR MOUSE-PANCREAS VERIFICATION
 Seq primer: -40RP from Gibco.
 Location/Qualifiers
 1. 92
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:5085735"
 /tissue_type="Purified pancreatic islet"
 /lab_host="DH10B"
 /clone_lib="HR85 islet"
 /notes="Organ: Pancreas; Vector: pBluescript SK(-); Site_1: NotI; Site_2: XhoI; cDNA made by oligo-dT priming. Size: selected on agarose gel. Average insert size ~1kb. 5' XhoI site was destroyed after directional cloning. Amplified once. Contact information: Hiroshi Inoue, MD, Metabolism Div. (Alan Permutt Lab), Washington University School of Medicine, Box 8127, 660 South Euclid Ave., St. Louis, MO 63110. E-mail: hinoue@imgate.wustl.edu, Tel: 314-362-1916, Fax: 314-747-2692."

Query Match 3.2%; Score 76; DB 1; Length 92;
 Best Local Similarity 89.1%; Pred. No. 1.5;
 Matches 82; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
 QY 2266 TAGAGACAGGGTTTACCGGTTCAGCAGGATGCTCGATCTCCGATCCCTGATCCG 2325
 Db 1 TGGAGACGGGGTTTCACCATGTTGGCCAGGATGCTCAATCTCCTGACCTGGATCTG 60
 QY 2326 CCACCTCGGCTCCCAAGAGTCTGGGATTAC 2357
 Db 61 CCACCTCAGCTCCCAAGAGTCTGGGATTAC 92
 RESULT 2
 AA809831 88 bp mRNA linear EST 19-FEB-1998
 LOCUS Qa40f11.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1307469 3', similar to contains Alu repetitive element;; mRNA sequence.
 DEFINITION AA809831
 ACCESSION AA809831.1 GI:2879237
 VERSION AA809831.1
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 88)
 REFERENCE NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 AUTHORS National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
 TITLE Unpublished (1997)
 JOURNAL Contact: Robert Strausberg, Ph.D.
 COMMENT Email: cgapsb@emil.nih.gov
 Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman, Ph.D., Gerald Marti, M.D.
 CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
 CDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www.bio.llnl.gov/bbrp/image/image.html
 Insert length: 963 Std Error: 0.00
 Seq primer: -40m13 fwd. ET from Amersham
 High quality sequence stop: 60.
 Location/Qualifiers
 1. 88

and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 3.0%; Score 71.2; DB 1; Length 87;
Best Local Similarity 89.4%; Pred. No. 2.2;
Matches 76; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2266 TAGAGACAGGTTTCACCGTGTAGCCAGGATGCTCGATCTCCTGACCTCGTGATCCG 2325
DB 3 TTGACAGGAGTTTCACCATGTGCGCCAGGATGCTCAATCTCTTGACCTCGTGATCCG 62

QY 2326 CCCACTCGGCTCCCAAAGTGCTG 2350
DB 63 CCCACTCGGCTCCAAAGTNCITG 87

RESULT 5
LOCUS AW063866
DEFINITION DP0792 KRIBB Human DP intrathymic T-cell cDNA library Homo sapiens
CDNA 3', mRNA sequence.
ACCESSION AW063866
VERSION AW063866.1 GI:8887803
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 87)
AUTHORS Goh, S.-H., Park, J.-H., Lee, Y.-S. and Lee, C.-C.
TITLE Gene expression profile and identification of differentially expressed transcripts during human intrathymic T-cell development by cDNA sequencing analysis
JOURNAL Genomics 70 (1), 1-18 (2000)
MEDLINE 20541704
PubMed 11087656
COMMENT Contact: Sung-Ho Goh
Genome Center
Korea Research Institute of Bioscience and Biotechnology
Oun-dong 52, Yu Sung-Gu, Daejeon 305-333, Republic of Korea
Tel: 82-42-860-4473
Fax: 82-42-860-4479
Email: goshemail.krribb.re.kr
Seq primer: T7
High quality sequence stop: 87
POLYA-No.

FEATURES
source
1..87
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/tissue_type="Thymus"
/cell_type="Intrathymic T-cell"
/dev_stage="CD3+4+8+ double positive stage"
/clone_libs="KRIBB Human DP intrathymic T-cell cDNA library"
/note="Vector: pGEM-T; cDNA was made from total cytoplasmic RNA of sorted human intrathymic CD3+4+8+ T-cell, adaptor ligated, amplified with PCR, and cloned into pGEM-T vector."

Query Match 2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 2.7;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTACCGAGTGGTCTCGATCTCCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
DB 1 CACCATGTGTGGCAGCGCTGGTCTCAAACTCCTGACCTCGTGATCCGCCCTTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
DB 11

Query Match 2.8%; Score 66; DB 1; Length 82;
Best Local Similarity 87.8%; Pred. No. 3.6;
Matches 72; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2263 TAGTAGACAGAGGTTTACCGTGTAGCCAGGATGCTCGATCTCCTGACCTCGTGAT 2322
DB 1 TAGTAGACAGAGGTTTACCATGCTGCGCCAGGATGCTTGATATCTTGACCTTGAT 60

QY 2323 CGCCACCTCGGCCTCCCAA 2344
DB 61 CTGCCGCGCTTGGCCTCCCAA 82

RESULT 7
LOCUS CB384159/c
DEFINITION T9ESTzyh51g08.y1 T9ME49 3 day invitro bradyzoite Toxoplasma gondii
CDNA clone T9ESTzyh51g08.y1 5', similar to SW:ALU4 HUMAN P39191 ALU
SUBFAMILY SB2 SEQUENCE CONTAMINATION WARNING ENTRY. [1] ; mRNA
sequence.

Db 61 CCAAAGTCTGGGATTACAGGTGTGAG 87

RESULT 6
LOCUS AA425898
DEFINITION zwl7q06.s1 Soares ovary tumor NbHOT Homo sapiens cDNA clone
IMAGS:769594 3' similar to contains Alu repetitive element;; mRNA
sequence.
ACCESSION AA425898
VERSION AA425898
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 82)
AUTHORS Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisels, G., Jost, S., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F., Theising, B., White, Y., Wyllie, T., Waterston, R. and Wilson, R.
TITLE WashU-Merck EST Project 1997
JOURNAL Unpublished (1997)
COMMENT Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -41ml3 fwd. Er from Amersham.
FEATURES
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1..82
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:5979464"
/db_xref="taxon:9606"
/clone="IMAGE:769594"
/sex="Female"
/tissue_type="ovarian tumor"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares ovary tumor NbHOT"
/note="Organ: ovary; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', TGTACCAATCTGAGTGGAGCGCGGTTTTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo."


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source
1..75
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="CDB:3898285"
/db_xref="taxon:9606"
/clone="IMAGE:279909"
/sex="male"
/tissue type="multiple sclerosis lesions"
/dev stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NDHSP"
/notes="Vector: p7T3D (Pharmacia) with a modified
polylinker V type: phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo (dT)
primer [5',
TGTACCATCTGAAGTGGAGCGCGCGCATTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified p7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M. Fatima Bonaldo. RNA from 4 multiple sclerosis
lesions from one patient was kindly provided by Dr. Kevin
G. Becker (NINDS/NIH). "
```

```
Query Match      2.4%; Score 57.4; DB 1; Length 75;
Best Local Similarity 85.3%; Pred. No. 7.8;
Matches 64; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2099 TGAGACGAGTCTTCTGCTGTATCCAGGCTGGAGTGCAGTGGTGTGCTTGGCTACTG 2158
      |||||
Db 1 TGAGACGAGTCTTCTGCTGTATCCAGGCTGGAGTGCAGTGGTGTGCTTGGCTACTG 60

QY 2159 CAAGCTCTGCCCTCC 2173
      |||||
Db 61 CAAGCTCCGCTCCC 75

Query Match      2.4%; Score 57.4; DB 1; Length 75;
Best Local Similarity 85.3%; Pred. No. 7.8;
Matches 64; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2099 TGAGACGAGTCTTCTGCTGTATCCAGGCTGGAGTGCAGTGGTGTGCTTGGCTACTG 2158
      |||||
Db 1 TGAGACGAGTCTTCTGCTGTATCCAGGCTGGAGTGCAGTGGTGTGCTTGGCTACTG 60

QY 2159 CAAGCTCTGCCCTCC 2173
      |||||
Db 61 CAAGCTCCGCTCCC 75

RESULT 10
CK725590/c
LOCUS
DEFINITION
Wuchereria bancrofti L3 cDNA (SAW96MLW-WbL3)
Wuchereria bancrofti cDNA clone SWBDL3CAW02A02 5', mRNA sequence.
ACCESSION
CK725590
VERSION
CK725590.1 GI:42579128
KEYWORDS
EST.
SOURCE
Wuchereria bancrofti
Wuchereria bancrofti
Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
Onchocercidae; Wuchereria.
1 (bases 1 to 73)
Williams, S.A.
Genes Expressed in L3 infective stage larvae of Wuchereria
bancrofti
Unpublished (1999)
Contact: Steven A. Williams
Molecular Parasitology
Smith College Department of Biological Sciences
Department of Biological Sciences, Clark Science Center, Smith
College, Northampton, MA, 01063, USA
Tel: 4135853826
Fax: 4135853786
Email: genome@smith.edu
Seq primer: pBluescript SK.
Location/Qualifiers
1..73
/organism="Wuchereria bancrofti"
/mol_type="mRNA"
/db_xref="taxon:6293"
/clone="SWBDL3CAW02A02"
/dev stage="L3 infective stage larvae"
/lab_hosts="X11-Blue MRF"
/clone_lib="Wuchereria bancrofti L3 cDNA (SAW96MLW-WbL3) "
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source
1..75
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="CDB:3898285"
/db_xref="taxon:9606"
/clone="IMAGE:279909"
/sex="male"
/tissue type="multiple sclerosis lesions"
/dev stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NDHSP"
/notes="Vector: p7T3D (Pharmacia) with a modified
polylinker V type: phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo (dT)
primer [5',
TGTACCATCTGAAGTGGAGCGCGCGCATTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified p7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M. Fatima Bonaldo. RNA from 4 multiple sclerosis
lesions from one patient was kindly provided by Dr. Kevin
G. Becker (NINDS/NIH). "
```

```
Query Match      2.4%; Score 57; DB 1; Length 73;
Best Local Similarity 92.3%; Pred. No. 7.9;
Matches 60; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2307 CTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAGTCTGGATTACAGGATGAG 2366
      |||||
Db 73 CTCTGACCTCGTGATCCGCCCTCTCGGCTCTCAAAAGTCTGCAATTACAGGCGTGAG 14

QY 2367 CCACC 2371
      |||||
Db 13 CCACC 9

RESULT 11
AA082835
LOCUS
DEFINITION
zn21g12.s1 Stragatene neuroepithelium NT2RAMI 937234 Homo sapiens
cDNA clone IMAGE:548134 3', similar to contains Alu repetitive
element.; mRNA sequence.
ACCESSION
AA082835
VERSION
AA082835.1 GI:1624910
KEYWORDS
EST.
SOURCE
Homo sapiens
Homo sapiens
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 59)
Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiappelli, B.,
Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,
Hawkins, S., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.
and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
8889549
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -40M13 fwd. from Amersham.
Location/Qualifiers
1..59
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3926650"
/db_xref="taxon:9606"
/clone="IMAGE:548134"
/dev stage="Ntera-2/RA-MI neuroepithelial cells"
/lab_hosts="Ntera-2/RA-MI neuroepithelial cells"
/clone_lib="Stratagene neuroepithelium NT2RAMI 937234"
/notes="Vector: pBluescript SK; Site 1: EcoRI; Site 2:
XhoI; Cloned unidirectionally. Primer: Oligo dr. NT2
(Ntera-2/cl.D1) precursor cells induced with Retinoic
Acid for 1 week, followed by 3 weeks in mitotic inhibitors
(Replate #2). Average insert size: 1.1 kb; Uni-ZAP XR
```

/note="Vector: Lambda Uni-ZAP XR; Site 1: Eco RI; Site 2: Xho I; Lymphatic filarial nematode parasite of humans. mRNA was prepared from approximately 8,000 L3 isolated from mosquitos in Cairo, Egypt and converted to double-stranded cDNA using reverse transcriptase and oligo(dT) followed by RNase H and DNA pol I. The library has 1.0 x 10⁵ independent recombinants and the average insert size is ~900 bp. The library was constructed by Michelle. Lizotte-Maniewski. The library is available from Dr.S.A.Williams, email: genome@smith.edu."

Query Match 2.4%; Score 57; DB 1; Length 73;
Best Local Similarity 92.3%; Pred. No. 7.9;
Matches 60; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2307 CTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAGTCTGGATTACAGGATGAG 2366
|||||
Db 73 CTCTGACCTCGTGATCCGCCCTCTCGGCTCTCAAAAGTCTGCAATTACAGGCGTGAG 14

QY 2367 CCACC 2371
|||||
Db 13 CCACC 9

RESULT 11
AA082835
LOCUS
DEFINITION
zn21g12.s1 Stragatene neuroepithelium NT2RAMI 937234 Homo sapiens
cDNA clone IMAGE:548134 3', similar to contains Alu repetitive
element.; mRNA sequence.
ACCESSION
AA082835
VERSION
AA082835.1 GI:1624910
KEYWORDS
EST.
SOURCE
Homo sapiens
Homo sapiens
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 59)
Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiappelli, B.,
Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,
Hawkins, S., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.
and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
8889549
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -40M13 fwd. from Amersham.
Location/Qualifiers
1..59
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3926650"
/db_xref="taxon:9606"
/clone="IMAGE:548134"
/dev stage="Ntera-2/RA-MI neuroepithelial cells"
/lab_hosts="Ntera-2/RA-MI neuroepithelial cells"
/clone_lib="Stratagene neuroepithelium NT2RAMI 937234"
/notes="Vector: pBluescript SK; Site 1: EcoRI; Site 2:
XhoI; Cloned unidirectionally. Primer: Oligo dr. NT2
(Ntera-2/cl.D1) precursor cells induced with Retinoic
Acid for 1 week, followed by 3 weeks in mitotic inhibitors
(Replate #2). Average insert size: 1.1 kb; Uni-ZAP XR

Vector; -5' adaptor sequence: 5' GAATTCGGCAGAG 3' -3'
adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3''

Query Match 2.4%; Score 55.8; DB 1; Length 59;
Best Local Similarity 96.6%; Pred. No. 7.8;
Matches 57; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTCGACCTCGT 2319
|||||
Db 1 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTCGACCTCGT 59

RESULT 12
CL528363
LOCUS
DEFINITION
ASV19C02.rev ASLV-vector integration sites in human 293T-TVA cells
Homo sapiens genomic clone ASV19C02.rev, genomic survey sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
CL528363.1 GI:47421574
GSS.
Homo sapiens (human)

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
Contact: Frederic Bushman
Salk Institute Infectious Disease Laboratory
The Salk Institute for Biological Studies
10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
Tel: 858 453 4100 x1630
Fax: 858 554 0341
Email: bushman@salk.edu
Class: PCR with specific primers.

FEATURES
source
1..61
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="ASV19C02.rev"
/clone_lib="ASLV-vector integration sites in human"
/notes="Human 293T cells expressing the subgroup A avian
retrovirus receptor (293T-TVA) were infected with an
ASLV-based vector. DNA was isolated and cleaved with
restriction enzymes; linkers were ligated onto the cleaved
DNA and DNAs were amplified using one primer that bound to
the linker DNA and one that bound to the ASLV cDNA.
Junctions between integrated ASLV proviruses and cellular
DNA were cloned and sequenced."

Query Match 2.3%; Score 54.6; DB 1; Length 61;
Best Local Similarity 93.4%; Pred. No. 8.9;
Matches 57; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2296 ATGGTCTCGATCTCTGACCTGTCGATCGCCACCTCGGCTCCCAAGTGTGGATT 2355
|||||
Db 1 ATGGTCTCGATCTCTGACCTGTCGATCGCCACCTCGGCTCCCAAGTGTGGATT 60

QY 2356 A 2356
61 A 61

RESULT 13
CB298037/c
LOCUS
DEFINITION
12B22046 rev_1_G08_r_068.ab1 Chimpanzee brain library Koo's Pan
troglodytes cDNA clone 12B22046_rev_1_G08_r_068.ab1 5', mRNA

Query Match 2.4%; Score 55.8; DB 1; Length 59;
Best Local Similarity 96.6%; Pred. No. 7.8;
Matches 57; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTCGACCTCGT 2319
|||||
Db 1 TTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTCGACCTCGT 59

RESULT 14
AW059824
LOCUS
DEFINITION
LE8a11.yg DNCJ5 Homo sapiens cDNA, mRNA sequence.
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AW059824.1 GI:6652146
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 55)
Brenner, S., Williams, S.R., Vermass, E.H., Storck, T., Moon, K.,
McCollum, C., Mao, J.I., Kirchner, J.J., Eletr, S., DuBridge, R.B.,
Burcham, T. and Albrecht, G.
In vitro cloning of complex mixtures of DNA on microbeads: Physical
separation of differentially expressed cDNAs
Proc. Natl. Acad. Sci. U.S.A. 97 (4), 1665-1670 (2000)
2014098
PUBMED
10677516

sequence.
CB298037
VERSION
KEYWORDS
SOURCE
ORGANISM
Pan troglodytes (chimpanzee)
Pan troglodytes
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
1 (bases 1 to 62)
Hellmann, I., Zollner, S., Enard, W., Ebersberger, I., Nickel, B. and
Paabo, S.
Selection on human genes as revealed by comparisons to chimpanzee
cDNA
Genome Res. (2003) In press
Contact: Paabo S
Evolutionary Genetics
Max-Planck-Institute for evolutionary Anthropology
Deutscher Platz 6, 04103 Leipzig, Germany
Tel: +49-(0)-341-3550 500
Fax: +49-(0)-341-3550 555
Email: paabo@eva.mpg.de
Seq primer: M13 reverse.

FEATURES
source
1..62
/organism="Pan troglodytes"
/mol_type="mRNA"
/db_xref="taxon:9598"
/clone="12B22046_rev_1_G08_r_068.ab1"
/sex="male"
/tissue_type="brain, presumably cortex"
/dev_stage="adult"
/lab_host="Episcurian Coli (TM) XL-10-Gold"
/clone_lib="Chimpanzee brain library Koo's"
/note="Vector: pUCHi; Site 1: Sfil-A; Site 2: Sfil-B; The
library was prepared using the SMART cDNA library
construction kit (Clontech), doing only primer extension,
but not PCR amplification of the cDNA. The only deviation
from the published protocol was that we cloned the cDNA
into a plasmid vector."

Query Match 2.2%; Score 53; DB 1; Length 62;
Best Local Similarity 91.8%; Pred. No. 11;
Matches 56; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2256 GTATTTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACC 2315
|||||
Db 62 GTATTTTAGTAGACAGCGGTTTACCGTGTAGCCAGGATGCTCGATCTCTGACC 3

QY 2316 T 2316
2 T 2

RESULT 14
AW059824
LOCUS
DEFINITION
LE8a11.yg DNCJ5 Homo sapiens cDNA, mRNA sequence.
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AW059824.1 GI:6652146
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 55)
Brenner, S., Williams, S.R., Vermass, E.H., Storck, T., Moon, K.,
McCollum, C., Mao, J.I., Kirchner, J.J., Eletr, S., DuBridge, R.B.,
Burcham, T. and Albrecht, G.
In vitro cloning of complex mixtures of DNA on microbeads: Physical
separation of differentially expressed cDNAs
Proc. Natl. Acad. Sci. U.S.A. 97 (4), 1665-1670 (2000)
2014098
PUBMED
10677516

COMMENT

Contact: Burcham TS
 LYNX Therapeutics, Inc.
 25861 Industrial Blvd., Hayward, CA 94545, USA
 Tel: 510 670 9338
 Fax: 510 670 9302
 Email: timb@lynxgen.com
 Sequence obtained from LYNX Therapeutics Megasort technology.
 Collected from the down-regulated gate.
 High quality sequence stop: 55.

FEATURES

source
 1..55
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /cell_type="monocytic leukemia"
 /clone_lib="THP-1 (TIB-202)"
 /clone_lib="DNC15"
 /note="Vector: PCR2.1; Cloning of PCR products from micro-beads carrying 3' end of down-regulated cDNA. THP-1 cells non-induced (treated with DMSO only)."

Query Match 2.1%; Score 48.8; DB 1; Length 55;
 Best Local Similarity 96.2%; Pred. No. 15;
 Matches 50; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2320 GATCGCCACCTCGGCTCCCAAGTCTGGGATTACAGCCACCC 2371

Db 1 GATCGCCACCTCGGCTCCCAAGTCTGGGATTACAGGTGTGAGCCACC 52

RESULT 15

AU103190
 LOCUS
 DEFINITION AU103190 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
 HSI05764, mRNA sequence.

ACCESSION AU103190

VERSION AU103190.1 GI:13552711

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 (bases 1 to 50)
 Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
 Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
 Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
 Diverse transcriptional initiation revealed by fine, large-scale
 mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)

JOURNAL

MEDLINE 21270072

PUBMED

11375929

COMMENT

Contact: Yutaka Suzuki
 Department of Virology
 Institute of Medical Science, University of Tokyo
 4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
 Email: yusuzuki@ims.u-tokyo.ac.jp
 Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
 Sugano,S. Construction and characterization of a full
 length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
 149-156 (1997).

FEATURES

source
 1..50
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="HSI05764"
 /clone_lib="Sugano Homo sapiens cDNA library"

Query Match 2.0%; Score 48.4; DB 1; Length 50;
 Best Local Similarity 98.0%; Pred. No. 14;
 Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGCCACCTCGGCTCCCAAGTG 2347

Db

1 GGTCCTCGATCTCTGACCTCGTGATCGCCCGGCTCGGCTCCCAAGTG 50

RESULT 16

D19954/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

FEATURES

source

1..63

Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone_lib="Human promyelocyte"

/note="Female, adult, cell_line = HL60, cell_type =

promyelocyte."

Query Match 2.0%; Score 47.6; DB 1; Length 63;

Best Local Similarity 84.1%; Pred. No. 18;

Matches 53; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2261 TTGTAGTAGACAGGCTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTG 2320

Db 63 TTGTAGTAGACAGGCTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTG 4

QY 2321 ATC 2323

Db 3 ATC 1

RESULT 17

AU104029

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PUBMED

COMMENT

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

EMBO Rep. 2 (5), 388-393 (2001)

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),

149-156 (1997).

EMBO Rep. 2 (5), 388-393 (2001)

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and

Sugano,S. Construction and characterization of a full

Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yasukie@u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
Sugano, S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES

source
1. .50
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone_lib="KAIR1572"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 2.0%; Score 46.8; DB 1; Length 50;
Best Local Similarity 96.0%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2265 GTAGAGACGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTCTGAC 2314
|||||
Db 1 GTAGAGATGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTCTGAC 50

RESULT 18

AZ755874 61 bp DNA linear GSS 01-MAR-2001
LOCUS ev10d06.x1 PAX3 CASTING Library 'ev' Homo sapiens genomic clone
DEFINITION ev10d06 random, genomic survey sequence.

ACCESSION AZ755874
VERSION AZ755874
KEYWORDS GSS.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 61)
AUTHORS Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Barber, T.D., Barber, M.C., Tomescu, O., Barr, F.G., Ruben, S. and
Friedman, T.B.

TITLE Identification of Target Genes Regulated by PAX3 and PAX3--FKHR in
Embryogenesis and Alveolar Rhabdomyosarcoma

JOURNAL Genomics 79 (3), 278-284 (2002)
MEDLINE 21853298
PUBMED 11863357

COMMENT Contact: Friedman TB
Laboratory of Molecular Genetics
National Institute on Deafness and Other Communication Disorders,
National Institutes of Health
5 Research Court, Room 2A-15, Rockville, MD 20850, USA

Tel: 301 402 7580
Fax: 301 496 7882
Email: friedman@nidcd.nih.gov
Plate: 10 row: d column: 06
Seq primer: -21M13 forward primer (ABI)
Class: random plasmid subclone.

FEATURES

source
1. .61
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="ev10d06"
/sex="Male"
/lab_host="DH10B"
/clone_lib="PAX3 CASTING Library 'ev'"
/note="Vector: pGEM-T Easy; Human genomic DNA was
partially digested with Sau3AI, ligated to ds linkers,
and enriched for binding to human PAX3d0+ protein using a
Whole Genome PCR-based strategy. DNA fragments containing
putative PAX3d0+ binding sites were amplified by PCR and
cloned into pGEM-T Easy (Promega). The ligation products
were transformed into DH10B electrocompetent cells (Life
Technologies)."

Query Match 2.0%; Score 46.8; DB 1; Length 61;
Best Local Similarity 96.0%; Pred. No. 19;
Matches 48; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2320 GATCCGCCACCTCGGCTCCCAAACTGTGGGATTACAGGCATGAGCCA 2369
|||||
Db 12 GATCCACCCACCTCGGCTCCCAAACTGTGGGATTACAGGCATGAGCCA 61

RESULT 19

BG939604 58 bp mRNA linear EST 20-JUN-2002
LOCUS cr58f11.x1 Human bone marrow stromal cells Homo sapiens cDNA clone
DEFINITION HMSC cr58f11 3', mRNA sequence.

ACCESSION BG939604
VERSION BG939604.1 GI:14338976
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 58)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Jia, L., Young, M.F., Powell, J., Yang, L., Ho, N.C., Hotchkiss, R.,
Robey, P.G. and Francomano, C.A.

TITLE Gene expression profile of human bone marrow stromal cells:
high-throughput expressed sequence tag sequencing analysis

JOURNAL Genomics 79 (1), 7-17 (2002)
MEDLINE 21686149
PUBMED 11827452

COMMENT Contact: Libin Jia
Medical Genetics Branch
National Human Genome Research Institute
10/10C101, 9000 Rockville Pike, Bethesda, MD 20892-1267, USA
Tel: 301-402-4877

Fax: 301-496-7157
Email: libin@helix.nih.gov
DNA Sequencing and analyses by National Institutes of Health
Intramural Sequencing Center (NISC).
Plate: 58 row: f column: 11

Seq primer: -21M13 forward primer (ABI).
Location/Qualifiers
1. .58
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="HMSC_cr58f11"
/sex="mixed"
/tissue_type="bone marrow stroma"
/dev_stage="mixed"
/lab_host="X11-Blue MRF"/SOLR"

/clone_lib="Human bone marrow stromal cells"
/note="Vector: pBluescript; Site 1: EcoRI; Site 2: XhoI;
mRNA made from human bone marrow stroma, cDNA made by
oligo-dt priming. Directionally cloned. Size-selected for
average insert size >0.5 kb. Library constructed by Dr.
Marian Young and Dr. Pamela Gehron Robey (NIDCR). Library
supplied by Dr. Libin Jia (NHGRI)"

Query Match 2.0%; Score 46.4; DB 1; Length 58;
Best Local Similarity 89.3%; Pred. No. 19;
Matches 50; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2086 TTATTATTTTTTGAGACGAGTCTTGTCTGTATCCAGGCTGGAGTGCAGTGG 2141
|||||
Db 2 TTTTATTTTAAAGACGAGTCTCGCTCTGTTCGCCAGGCTGGAGTGCAGTGG 57

RESULT 20

R09768 61 bp mRNA linear EST 05-APR-1995
LOCUS yf27h10.r1 Soares fetal liver spleen INFILS Homo sapiens cDNA clone
DEFINITION IMAGE:128131 5' similar to gb|M87919|HUMALNE53 Human carcinoma


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source      1. .50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="COLF7876"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match
Best Local Similarity 1.9%; Score 45.2; DB 1; Length 50;
Matches 47; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2307 CTCCTGACCTCGTGTGATCCGCCACCTCGGCTCCCAAGTCTGGGATTA 2356
|||||
Db 1 CTCCTGACCTGTGTGATCCGCCACCTCGGCTCCCAAGTCTGGGATTA 50

RESULT 23
AUI04438
LOCUS      AUI04438      50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION AUI04438 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ACCESSION  AUI04438
VERSION    AUI04438.1 GI:13553959
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
           Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
           Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
           Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
           Diverse transcriptional initiation revealed by fine, large-scale
           mapping of mRNA start sites
JOURNAL    EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE    21270072
PUBMED     11375929
COMMENT    Contact: Yutaka Suzuki
           Department of Virology
           Institute of Medical Science, University of Tokyo
           4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
           Email: yusuzuki@ims.u-tokyo.ac.jp
           Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
           Sugano,S. Construction and characterization of a full
           length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
           149-156 (1997).

FEATURES
source      Location/Qualifiers
1. .50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ADKA01882"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match
Best Local Similarity 1.9%; Score 45.2; DB 1; Length 50;
Matches 47; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2302 TCGATCTCCTGACCTCGTGTGATCCGCCACCTCGGCTCCCAAGTCTGG 2351
|||||
Db 1 TCGATCTCCTGACCTCGTGTGATCTGCTCGCTCGGCTCCCAAGTCTGG 50

RESULT 24
BH770753
LOCUS      BH770753      56 bp      DNA      linear      GSS 01-MAY-2002
DEFINITION LMGtag5 MG1363 Random Sequence Tag Library Lactococcus lactis
           subsp. cremoris genomic, genomic survey sequence.
ACCESSION  BH770753
VERSION    BH770753.1 GI:20373710
KEYWORDS   GSS.
SOURCE     Lactococcus lactis subsp. cremoris
ORGANISM   Lactococcus lactis subsp. cremoris

```

```

Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
Lactococcus.
1 (bases 1 to 56)
Boltin,A., Ehrlich,S.D. and Sorokin,A.
Studies of genomes of dairy bacteria Lactococcus lactis
Sci. Aliments (2002) In press
Contact: Sorokin A
Genetique Microbienne
INRA
CRJ INRA, Domaine de Vilvert, 78352 Jouy en Josas cedex, France
Tel: 33 1 34 65 25 16
Fax: 33 1 34 65 25 21
Email: sorokine@jouy.inra.fr
best homologue in strain IL1403 is pi304 (95%)
Class: shotgun
High quality sequence start: 30
High quality sequence stop: 56.
Location/Qualifiers
1. .56
/organism="Lactococcus lactis subsp. cremoris"
/mol_type="genomic DNA"
/strain="MG1363"
/sub_species="cremoris"
/db_xref="taxon:1359"
/clone_lib="MG1363 Random Sequence Tag Library"
/notes="Vector: pSGM2; Site 1: SmaI; Library of
chromosomal fragments of L.lactis strain MG1363 was
prepared by partial AluI digestion or by sonication."

Query Match
Best Local Similarity 1.9%; Score 44.8; DB 1; Length 56;
Matches 49; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2303 CGATCTCCTGACCTCGTGTGATCCGCCACCTCGGCTCCCAAGTCTGGGATTA 2358
|||||
Db 1 CGACCTCCTGACCTCATATCCACCACCTCGGCTCCCAAGTCTGGGATTA 56

RESULT 25
AUI05701/c
LOCUS      AUI05701      50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION AUI05701 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
           COLF0583, mRNA sequence.
ACCESSION  AUI05701
VERSION    AUI05701.1 GI:13555222
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
           Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
           Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
           Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
           Diverse transcriptional initiation revealed by fine, large-scale
           mapping of mRNA start sites
JOURNAL    EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE    21270072
PUBMED     11375929
COMMENT    Contact: Yutaka Suzuki
           Department of Virology
           Institute of Medical Science, University of Tokyo
           4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
           Email: yusuzuki@ims.u-tokyo.ac.jp
           Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
           Sugano,S. Construction and characterization of a full
           length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
           149-156 (1997).

FEATURES
source      Location/Qualifiers
1. .50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"

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/clone="COLF0583"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.9%; Score 44.2; DB 1; Length 50;
Best Local Similarity 93.9%; Pred. No. 21;
Matches 46; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2319 TGATCCGCCACCTCGGCTCCCAAGTCTGGGATTACAGGCATGAGC 2367
|||||
DB 50 TGAATCCGCCACCTCGGCTCCCAAGTCTGGGATTACAGGTGTGAGC 2

RESULT 26
AUI06333
LOCUS AUI06333 50 bp mRNA linear EST 28-JAN-2004
DEFINITION AUI06333 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
NBLAN526NR1, mRNA sequence.

ACCESSION AUI06333
VERSION AUI06333
KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.

TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites

JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PubMed 11375929

COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
source

1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="NBLAN526NR1"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.9%; Score 44.2; DB 1; Length 50;
Best Local Similarity 93.9%; Pred. No. 21;
Matches 46; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2093 TTTTTCGAGACCGAGTCTGCTCTGTATCCAGGCTGGAGTGCAGTGG 2141
|||||
DB 1 TTTTTCGAGACTGAGTCTGCTCTGCTCTCCAGGCTGGAGTGCAGTGG 49

RESULT 27
BH770627/c

LOCUS BH770627 54 bp DNA linear GSS 01-MAY-2002
DEFINITION LMG876385 MG1363 Random Sequence Tag Library Lactococcus lactis
subsp. cremoris genomic, genomic survey sequence.

ACCESSION BH770627

VERSION BH770627

KEYWORDS GSS.

SOURCE

ORGANISM

Lactococcus lactis subsp. cremoris
Lactococcus lactis subsp. cremoris
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
Lactococcus.

REFERENCE 1 (bases 1 to 54)

AUTHORS Bolotin,A., Ehrlich,S.D. and Sorokin,A.

TITLE
JOURNAL
COMMENT

Studies of genomes of dairy bacteria Lactococcus lactis
Sci. Aliments (2002) In press
Contact: Sorokin A
Genetique Microbienne
INRA

CRJ INRA, Domaine de Vilvert, 78352 Jouy en Josas cedex, France
Tel: 33 1 34 65 25 16
Fax: 33 1 34 65 25 21

Email: sorokin@jouy.inra.fr
best homologue in strain IL1403 is ymbD (46%)

Class: shotgun

High quality sequence start: 30

High quality sequence stop: 54.

Location/Qualifiers

source

1..54
/organism="Lactococcus lactis subsp. cremoris"
/mol_type="genomic DNA"
/strain="MG1363"
/sub_species="cremoris"
/db_xref="taxon:11359"
/clone_lib="MG1363 Random Sequence Tag Library"
/notes="Vector: pSGM02; Site 1: SmaI; Library of
chromosomal fragments of L.lactis strain MG1363 was
prepared by partial AluI digestion or by sonication."

Query Match 1.8%; Score 43.8; DB 1; Length 54;
Best Local Similarity 95.7%; Pred. No. 23;
Matches 45; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 2372
|||||

DB 54 CCGGCTCGGTCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 8

RESULT 28

AUI02528

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

PubMed

COMMENT

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: ysuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S. fine, large-scale
mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)

21270072

11375929

Contact: Yutaka Suzuki

Department of Virology

Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Email: ysuzuki@ims.u-tokyo.ac.jp

Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

Location/Qualifiers

source

1..50

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="HRC02580"

/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 43.6; DB 1; Length 50;

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Best Local Similarity 92.0%; Pred. No. 22; Mismatches 0; Indels 4; Gaps 0;
Matches 46; Conservative 0;

QY 2261 TTTAGTAGACAGCGGTTTACCGTGTTCAGCAGGATGGTCTCGATCTCC 2310
|||||
Db 1 TTTAGTAGACAGCGGTTTACCGTGTTCAGCAGGATGGTCTCACTCC 50

RESULT 29
AUI02534
LOCUS AUI02534 Sugano Homo sapiens cDNA library EST 28-JAN-2004
DEFINITION ADSH00605, mRNA sequence.
ACCESSION AUI02534
VERSION AUI02534.1 GI:13552055
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J.,
Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K.,
Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.
TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
Sugano, S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
source
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="NBLAN137NR1"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 42.6; DB 1; Length 50;
Best Local Similarity 91.8%; Pred. No. 25;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2092 TTTTTCGAGACCGAGTCTTCTGCTTTACCCAGGCTGGAGTGCAGTG 2140
|||||
Db 2 TTTTTCGAGACCGAGTCTTCTGCTTTACCCAGGCTGGAGTGCAGTG 50

RESULT 31
AUI02529
LOCUS AUI02529 Sugano Homo sapiens cDNA library EST 28-JAN-2004
DEFINITION HRC07143, mRNA sequence.
ACCESSION AUI02529
VERSION AUI02529.1 GI:13552049
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J.,
Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K.,
Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.
TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
Sugano, S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
source
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="HRC07143"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.8%; Score 42; DB 1; Length 50;
Best Local Similarity 90.0%; Pred. No. 26;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2266 TAGACAGCGGTTTACCGTGTTCAGCAGGATGGTCTCGATCTCTGACC 2315
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```


/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.7%; Score 40.4; DB 1; Length 50;
Best Local Similarity 88.0%; Pred. No. 30;
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2316 TCGTGATCGGCCACCTCGGCTCCCAAGTGTGGGATTACAGGCATGA 2365
|||||
Db 1 TTGTGATCGGCCGCTTGACTCTCCAAAGTGTGGGATGACAGCGCTGA 50
|||||

RESULT 38
D25879/c
LOCUS
DEFINITION HUMS05672 Human colon mucosa Homo sapiens cDNA clone cm2335 3',
mRNA sequence.
D25879 52 bp mRNA linear EST 30-NOV-1995

ACCESSION D25879
VERSION D25879.1 GI:500543
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE (Bases 1 to 52)
Global analysis of gene expression in colon mucosa: a large scale
random cDNA sequencing analysis

JOURNAL Unpublished (1994)
COMMENT Contact: Okubo, K., Itoh, K., Yoshii, J., Yokouchi, H. and Matsubara, K.
Institute for Molecular and Cellular Biology
Osaka University
3-1 Yamada-oka, Suita, Osaka 565, Japan.

FEATURES
source
Location/Qualifiers
1..52
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="cm2335"
/clone_lib="Human colon mucosa"
/note="Adult male, tissue_type = colon mucosa"

Query Match 1.7%; Score 40.2; DB 1; Length 52;
Best Local Similarity 93.3%; Pred. No. 32;
Matches 42; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2097 TTGAGACCGAGTCTGTCTGTGTACCCAGCTCGAGTGCAGTGG 2141
|||||
Db 52 TTGAGACGAGTCTCGTCTGTGTACCCAGCTCGAGTGCAGTGG 8
|||||

RESULT 39
AA020746/c
LOCUS
DEFINITION AA020746 50 bp mRNA linear EST 30-JAN-1997
ze63d09.g1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:363665 3', similar to gb:X53795_rnal INDUCIBLE MEMBRANE
PROTEIN R2 (HUMAN);, mRNA sequence.

ACCESSION AA020746
VERSION AA020746.1 GI:1484528
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE (Bases 1 to 50)
Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W.,
Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
Trevasakis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
and Marra, M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)

MEDLINE
PUBMED
COMMENT

97044478
8889549
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 4318 Std Error: 0.00
Seq primer: -40M13 fwd. from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..50

FEATURES
source

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1280368"
/db_xref="taxon:9606"
/clone="IMAGE:363665"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/notes="Organ: eye; Vector: p773D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer (5',
TGTTACCAATCTGAAGTGGAGCGCGCGCTTTTTTTTTTTT 3'),
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified p773 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo."

Query Match 1.7%; Score 40; DB 1; Length 50;
Best Local Similarity 93.0%; Pred. No. 31;
Matches 40; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTGTGGGATTACAGGCATGAGCCACCG 2372
|||||
Db 50 CCTCGGCTCCCAAGTGTGGGATTACAGGCATGAGCCACCG 8
|||||

RESULT 40
AU106615

LOCUS
DEFINITION AU106615 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COLF5363, mRNA sequence.

ACCESSION AU106615
VERSION AU106615.1 GI:13556136
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE (Bases 1 to 50)
Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J.,
Hata, H., Oka, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K.,
Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)

JOURNAL
MEDLINE
PUBMED
COMMENT

Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo

4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
 Email: yezuki@ims.u-tokyo.ac.jp
 Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
 Sugano, S. Construction and characterization of a full
 length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
 149-156 (1997).

FEATURES

source

1. .50
 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="COLF3363"
 /clone_lib="Sugano Homo sapiens cDNA library"

Query Match

Best Local Similarity 1.7%; Score 40; DB 1; Length 50;
 Matches 43; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2093 TTTTGTGACCGAGCTTGTCTGTGTACCCAGGCTGGAGTGCAATG 2140
 |||||
 Db 3 TTTTGTGAGACTAGTCTGTCTGTGTGCGCCAGTCTGGAGTGCAATG 50

RESULT 41

BG497401 52 bp mRNA linear EST 27-MAR-2001
 LOCUS 602538688P1 NIH_MGC_59 Homo sapiens cDNA clone IMAGE:4660076 5',
 DEFINITION mRNA sequence.

ACCESSION

VERSION BG497401

KEYWORDS

SOURCE EST.

ORGANISM

Homo sapiens (human)

REFERENCE

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

NIH-MGC http://mgi.nci.nih.gov/.

TITLE

National Institutes of Health, Mammalian Gene Collection (MGC)

JOURNAL

Unpublished (1999)

COMMENT

Contact: Robert Strausberg, Ph.D.
 Email: cgapbs@email.nih.gov

Tissue Procurement: ATCC

cDNA Library Preparation: CLONTECH Laboratories, Inc.

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

Plate: LHC1456 row: 0 column: 21

High quality sequence stop: 52.

FEATURES

source

1. .52
 Location/Qualifiers

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="IMAGE:4660076"

/tissue_type="mucoepidermoid carcinoma"

/lab_host="DH10B (TI phage-resistant)"

/clone_lib="NIH_MGC_59"

/notes="Organ: lung; Vector: pDNR-LIB (Clontech); Site 1:

SfiI (ggcgctcgcc); Site 2: SfiI (ggcattatggcc);

Double-stranded cDNA was prepared from cell line RNA. 5'

and 3' adaptors were used in cloning as follows: 5'

adaptor sequence: 5'-CACGCCATATGGCC-3' and 3' adaptor

sequence: 5'-ATTCTAGAGCGGCGGCCGACATG-DT(30)BN-3'

(where B = A, C, G and N = A, C, G, or T). Average

insert size 1.65 kb (range 0.9-4.0 kb). 15/15 colonies

contained inserts by PCR. This library was enriched for

full-length clones and was constructed by Clontech

Laboratories (Palo Alto, CA). Note: this is a NIH_MGC

Query Match

Best Local Similarity 1.7%; Score 40; DB 1; Length 52;

Best Local Similarity 89.6%; Pred. No. 32;
 Matches 43; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2231 TGCACACACCTGGCTAAATTTTCTACTTTTAGTAGACACAGGTT 2278

Db 5 TGCACACACCTGGCTAAATTTTCTATGTTTAGTAGACACAGGTT 52

RESULT 42

R64664

LOCUS

DEFINITION

R64664 52 bp mRNA linear EST 26-MAY-1995
 Y122a12.s1 Soares placenta Nb2HP Homo sapiens cDNA clone
 IMAGE:13966 3' similar to gb|J87898|HUMALCD133 Human carcinoma
 cell-derived Alu RNA transcript. (rRNA); gb:W14170 ALKALINE
 PHOSPHATASE, PLACENTAL TYPE 3 PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

VERSION R64664.1

KEYWORDS

SOURCE EST.

ORGANISM

Homo sapiens (human)

REFERENCE

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevasaki, S., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.

TITLE

The WashU-Merck EST Project

JOURNAL

Unpublished (1995)

COMMENT

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: Promega -21ml3

High quality sequence stop: 1.

Location/Qualifiers

1. .52

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:551852"

/db_xref="taxon:9606"

/clone="IMAGE:139966"

/sex="Female"

/dev_stage="placenta obtained at birth (full term)"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares placenta Nb2HP"

/notes="Organ: placenta; Vector: pT7T3D (Pharmacia) with a

modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st

strand cDNA was primed with a Not I - oligo(dT) primer [5'

AACTGAGATTCGCGCGGAGGAATTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Not I and cloned into the Not I

and Eco RI sites of the modified pT7T3 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Naido.

Query Match

Best Local Similarity 1.7%; Score 39.6; DB 1; Length 52;

Matches 42; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 2307 CTCCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAAGTCTGGGATTACA 2358

Db 1 CTCCTGACCTCGTGATCCGCCACCTCGGCCTCCCAAAGTCTGGGATTACA 52

```

RESULT 43
LOCUS      AI040713
DEFINITION  OX26a09.e1 Soares total_fetus Nb2HP8 9w Homo sapiens cDNA clone
IMAGE:1657432 3', similar to gb:M21121 T-CELL SPECIFIC RANTES
PROTEIN PRECURSOR (HUMAN) ;, mRNA sequence.
ACCESSION  AI040713
VERSION     AI040713.1 GI:3279907
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 48)
AUTHORS   NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE     National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
            Tumor Gene Index
JOURNAL    Unpublished (1997)
COMMENT    Contact: Robert Strausberg, Ph.D.
            Email: cgapb-remail.nih.gov
            This clone is available royalty-free through LNLN ; contact the
            IMAGE Consortium (infoimage.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 1176 Std Error: 0.00
            Seq primer: -40m13 fwd. ET from Amersham
            High quality sequence stop: 1.
            Location/Qualifiers
                source
                1..48
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="IMAGE:1657432"
                /dev_stage="8-9 weeks"
                /lab_host="DH10B"
                /clone_lib="Soares total_fetus Nb2HP8 9w"
                /note="Vector: p7T3D-Pac (pharmacia) with a modified
                polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
                was prepared from mRNA obtained from pooled 8-9 week
                (total) fetus material with a Not I - oligo(dT) primer [5'
                TGTTACCAATCGAAGTGGAGCGCGCTTAATTTTCTTTTCTTTT 3'].
                Double-stranded cDNA was ligated to Eco RI adaptors
                (Pharmacia), digested with Not I and cloned into the Not I
                and Eco RI sites of the modified pT7T3 vector. Library
                went through one round of normalization, and was
                constructed by Bento Soares and M. Fatima Bonaldo. "

Query Match      1.6%; Score 39; DB 1; Length 48;
Best Local Similarity 89.4%; Pred. No. 34;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY  2089 TTAATTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGAGTG 2135
Db  2 TTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGAGTG 48

RESULT 44
LOCUS      AU102524
DEFINITION  AU102524 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COL07268, mRNA sequence.
ACCESSION  AU102524
VERSION     AU102524.1 GI:13552044
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 50)
AUTHORS   Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
            Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
            Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
            Diverse transcriptional initiation revealed by fine, large-scale

Query Match      1.6%; Score 39; DB 1; Length 48;
Best Local Similarity 89.4%; Pred. No. 34;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY  2089 TTAATTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGAGTG 2135
Db  2 TTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGAGTG 48

RESULT 44
LOCUS      AU102524
DEFINITION  AU102524 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
COL07268, mRNA sequence.
ACCESSION  AU102524
VERSION     AU102524.1 GI:13552044
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 50)
AUTHORS   Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
            Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
            Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
            Diverse transcriptional initiation revealed by fine, large-scale

```

```

mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
JOURNAL      21270072
MEDLINE      11375929
PUBMED
COMMENT      Contact: Yutaka Suzuki
            Department of Virology
            Institute of Medical Science, University of Tokyo
            4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
            Email: ysuzuki@ims.u-tokyo.ac.jp
            Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
            Sugano,S. Construction and characterization of a full
            length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
            149-156 (1997).
            Location/Qualifiers
                source
                1..50
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="COL07268"
                /clone_lib="Sugano Homo sapiens cDNA library"

Query Match      1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY  2262 TTAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCCT 2311
Db  1 TTAGTAGACAGCGGTTTCACCAATGTTTCCAGGCTGGTCTCGAACTCCT 50

RESULT 45
LOCUS      AU102535
DEFINITION  AU102535 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
NLAN362NF, mRNA sequence.
ACCESSION  AU102535
VERSION     AU102535.1 GI:13552056
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 50)
AUTHORS   Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
            Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
            Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
            Diverse transcriptional initiation revealed by fine, large-scale
            mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
JOURNAL      21270072
MEDLINE      11375929
PUBMED
COMMENT      Contact: Yutaka Suzuki
            Department of Virology
            Institute of Medical Science, University of Tokyo
            4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
            Email: ysuzuki@ims.u-tokyo.ac.jp
            Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
            Sugano,S. Construction and characterization of a full
            length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
            149-156 (1997).
            Location/Qualifiers
                source
                1..50
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="taxon:9606"
                /clone="NLAN362NF"
                /clone_lib="Sugano Homo sapiens cDNA library"

Query Match      1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY  2263 TAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCCTG 2312

```



```

Db      1  TACTAGACACGGGGTTTTCACATATGTTGCCAGGCTGTCTCGAACTCCTG 50
|||||
RESULT 46
AUI04437
LOCUS   50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ZRV6C553, mRNA sequence.
ACCESSION AUI04437
VERSION   AUI04437.1 GI:13553958
KEYWORDS EST.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 50)
AUTHORS Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
FEATURES
source
Location/Qualifiers
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ZRV6C553"
/clone_lib="Sugano Homo sapiens cDNA library"
Query Match 1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 2264 AGTAGACACAGGGTTTCACCGTGTAGCCAGGATGCTCGATCTCTGA 2313
|||||
Db      1  AGTAGACATGGGGTTTCGCCATGTTAGCTAGTAGTGTGTCGATCTCTGA 50
|||||
RESULT 47
B00953/c
LOCUS   51 bp      DNA      linear      GSS 13-JUL-1996
DEFINITION cSRL-122d10-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-122d10, genomic survey sequence.
ACCESSION B00953
VERSION   B00953.1 GI:1410231
KEYWORDS GSS.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Evans,G.A., Burbee,D., Davies,C., Hahner,L., Oliver,T., Gilbert,M.,
Jones,D., Ward,T., Gillilan,E., Schagenmann,J., Probst,S.,
Harrie,J., DeFord,J., McFarland,J., Burzinski,K., Khan,M.,
Kupfer,K. and Garner,H.R.
Genomic Sequence Sampled Map of Chromosome 11
JOURNAL Unpublished (1996)
COMMENT Contact: Evans GA, Shane Probst
McDermott Center for Human Growth and Development
University of Texas Southwestern Medical Center At Dallas

5323 Harry Hines Blvd, Dallas TX 75235-8591
Tel: 214-648-1600
Fax: 214-648-1666
Email: gevang@utsw.swmed.edu, shane@mcdermott.swmed.edu
Seq primer: T7
Class: cosmid ends
High quality sequence stop: 51.
FEATURES
source
Location/Qualifiers
1..51
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="CSRL-122d10"
/sex="female"
/cell_type="chimeric hamster somatic cell hybrid"
/clone_lib="cSRL flow sorted Chromosome 11 specific
cosmid"
/notes="Vector: sCos-1; Human Chromosome 11 specific cosmid
library prepared from flow sorted human Chromosome 11
derived from Chinese Hamster Ovary (CHO) monochromosomal
somatic cell hybrid, J1"
Query Match 1.6%; Score 38.8; DB 1; Length 51;
Best Local Similarity 84.3%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 2260 TTTTAGTAGACAGCGGTTTCACCGTGTAGCCAGGATGCTCGATCTCC 2310
|||||
Db      51  TTTTGTAGACAGCGGGTTTCGCCGCTTGTGGCCAGNCTGCTCGAACTCC 1
|||||
RESULT 48
AUI02381
LOCUS   50 bp      mRNA      linear      EST 28-JAN-2004
DEFINITION Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ADSE01351, mRNA sequence.
ACCESSION AUI02381
VERSION   AUI02381.1 GI:13551901
KEYWORDS EST.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 50)
AUTHORS Hata,H., Ota,T., Isogai,T., Tanaka,T., Mizushima-Sugano,J., Sese,J.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
FEATURES
source
Location/Qualifiers
1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ZRV6C553"
/clone_lib="Sugano Homo sapiens cDNA library"
Query Match 1.6%; Score 38.8; DB 1; Length 50;
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
QY 2264 AGTAGACACAGGGTTTCACCGTGTAGCCAGGATGCTCGATCTCTGA 2313
|||||
Db      1  AGTAGACATGGGGTTTCGCCATGTTAGCTAGTAGTGTGTCGATCTCTGA 50
|||||
RESULT 47
B00953
LOCUS   51 bp      DNA      linear      GSS 13-JUL-1996
DEFINITION cSRL-122d10-u cSRL flow sorted Chromosome 11 specific cosmid Homo
sapiens genomic clone cSRL-122d10, genomic survey sequence.
ACCESSION B00953
VERSION   B00953.1 GI:1410231
KEYWORDS GSS.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Evans,G.A., Burbee,D., Davies,C., Hahner,L., Oliver,T., Gilbert,M.,
Jones,D., Ward,T., Gillilan,E., Schagenmann,J., Probst,S.,
Harrie,J., DeFord,J., McFarland,J., Burzinski,K., Khan,M.,
Kupfer,K. and Garner,H.R.
Genomic Sequence Sampled Map of Chromosome 11
JOURNAL Unpublished (1996)
COMMENT Contact: Evans GA, Shane Probst
McDermott Center for Human Growth and Development
University of Texas Southwestern Medical Center At Dallas

```

QY 2333 CGCGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 2372
|||||
Db 1 CGCGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 40
|||||

RESULT 49
AUI05707/c
LOCUS
DEFINITION AUI05707 Sugano Homo sapiens cDNA library EST 28-JAN-2004
ADU02182, mRNA sequence.
ACCESSION AUI05707
VERSION AUI05707.1 GI:13555228
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 50)
AUTHORS Suzuki.Y., Taira.H., Isogai.T., Tanaka.T., Morishita.S., Okubo.K.,
Hata.H., Ota.T., Nakamura.Y., Suyana.A. and Sugano.S. K.,
Sakaki.Y., Yoshitomo-Nakagawa.K., Maruyama.K., Suyana.A. and
Sugano.S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

TITLE Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites

JOURNAL EMBO Rep. 2 (5), 388-393 (2001)
MEDLINE 21270072
PUBMED 11375929
COMMENT Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yusuzuki@ims.u-tokyo.ac.jp
Suzuki.Y., Yoshitomo-Nakagawa.K., Maruyama.K., Suyana.A. and
Sugano.S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).

FEATURES
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1..50
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="ADSU02182"
/clone_lib="Sugano Homo sapiens cDNA library"

Query Match 1.6%; Score 38.2; DB 1; Length 50;
Best Local Similarity 93.0%; Pred. No. 37;
Matches 40; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2330 CTCTCGGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 2372
|||||
Db 50 CTCTCGGCTCCCAAGTCTGGATTACAGGTGTGAGCCACCG 8
|||||

RESULT 50
H69549
LOCUS
DEFINITION Yr99e04 sl Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:212478 3' similar to gb|U13707|HUMSCALUE Human scRNA
molecule, transcribed from Alu (rRNA); gb:M60626 FMET-LEU-PHE
RECEPTOR (HUMAN);, mRNA sequence.
ACCESSION H69549
VERSION H69549.1 GI:1039755
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 43)
AUTHORS Hillier.L., Lennon.G., Becker.M., Bonaldo.M.F., Chispelli.B.,
Chessee.S., Dietrich.N., Dubuque.T., Favello.A., Gish.W.,
Hawkins.M., Hultman.M., Kucaba.T., Lacy.M., Le.M., Le.N.,
Mardis.E., Moore.B., Morris.M., Parsons.J., Prange.C., Rifkin.L.,
Rohlfing.T., Schellenberg.K., Soares.M.B., Tan.F., Thierry-Mieg.J.,
Trevaaskis.E., Underwood.K., Wohlmann.P., Waterston.R., Wilson.R.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)
MEDLINE 97044478
PUBMED 8889549
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 680
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 680 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
1..43
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3785319"
/db_xref="taxon:9606"
/clone="IMAGE:212478"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/notes="Organ: Liver and Spleen; Vector: pT73D (Pharmacia)
with a modified polylinker; Site.1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5' AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified pT73 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.6%; Score 37.4; DB 1; Length 43;
Best Local Similarity 90.5%; Pred. No. 37;
Matches 38; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2331 CTCTCGGCTCCCAAGTCTGGATTACAGGCATGAGCCACCG 2372
|||||
Db 1 CTCTCGGCTCCCAAGGCTGGGANNACAGGCGTGTGAGCCACCG 42
|||||

RESULT 51
R70733
LOCUS
DEFINITION Y146d12.r1 Soares placenta ND2HP Homo sapiens cDNA clone
IMAGE:142295 5' similar to gb|M87914|HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M92424 MDM2 PROTEIN
(HUMAN);, mRNA sequence.
ACCESSION R70733
VERSION R70733.1 GI:844250
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 37)
AUTHORS Hillier.L., Clark.N., Dubuque.T., Elliston.K., Hawkins.M.,
Holman.W., Hultman.M., Kucaba.T., Le.M., Lennon.G., Marra.M.,
Parsons.J., Rifkin.L., Rohlfing.T., Soares.M., Tan.F.,
Trevaaskis.E., Waterston.R., Williamson.A., Wohlmann.P. and
Wilson.R.
The WashU-Merck EST Project
Unpublished (1995)

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: esc@wustl.wustl.edu
Insert Size: 872
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 872 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.

FEATURES

source

```
1..37
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:551330"
/db_xref="taxon:9606"
/clone="IMAGE:142295"
/sex="Female"
/dev_stage="Placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares placenta NB2HP"
/notes="Organ: Placenta; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
AATCGAAGAATTCGGCGCCGAGGATTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M. Fatima Bonaudo."
```

Query Match

Best Local Similarity 100.0%; Pred. No. 35;
Matches 37; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTCTGGGATTACAGGCATGAG 2366
|||||
Db 1 CCTCGGCTCCCAAGTCTGGGATTACAGGCATGAG 37

RESULT 52

AG200058/c

LOCUS

AG200058 43 bp DNA linear GSS 06-MAR-2004
Pan troglodytes DNA, clone: RP43-081N02.TU, genomic survey
sequence.

ACCESSION

AG200058

VERSION

AG200058.1 GI:45232233

KEYWORDS

GSS.

SOURCE

Pan troglodytes (chimpanzee)

ORGANISM

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

REFERENCE

1

AUTHORS

Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
BAC end sequences of Library RP-43

TITLE

Direct Submission

JOURNAL

Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail: redstone@mail.krrib.re.kr, URL: http://phs.grc.krrib.re.kr/
Tel: 82-42-866-7181, Fax: 82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance

of clone tracking errors.

PRIMERS

Sequencing: TJ

LIBRARY

Vector : pBACe3.6

R.Site 1 : EcoRI

R.Site 2 : EcoRI.

Location/Qualifiers

1..43

/organism="Pan troglodytes"

/mol_type="genomic DNA"

/db_xref="taxon:9598"

/clone="RP43-081N02.TJ"

/sex="male"

/cell_type="lymphocytes"

/clone_lib="RP-43 Chimpanzee Male BAC Library"

FEATURES

source

Query Match 1.6%; Score 36.8; DB 1; Length 43;
Best Local Similarity 95.0%; Pred. No. 39;
Matches 38; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 CGGCGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 2372
|||||

Db 43 CGGCGCTCCCAAGTCTGGGATTACAGGCATGAGCCACCG 4

RESULT 53

AW247861

LOCUS

AW247861 48 bp mRNA linear EST 07-JAN-2000
2820451.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2820451.3,
mRNA sequence.

DEFINITION

ACCESSION

AW247861

VERSION

AW247861.1 GI:6590854

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

1 (bases 1 to 48)

AUTHORS

NIH-MGC http://mgc.ncl.nih.gov/.

TITLE

National Institutes of Health, Mammalian Gene Collection (MGC)

JOURNAL

Unpublished (1999)

COMMENT

Other ESTs: 2820451.5prime

Contact: Robert Strausberg, ph.D.

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

Project Clone Distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washington Genome Center. Vector

Trimming: cross match from University of Washington Genome Center

PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley

Drosophila Genome Project. University of Washington Genome Center:

http://www.genome.washington.edu Low Quality Sequence: 35

contiguous PHRED high quality bases followed by vector sequence. Very

Low Quality Sequence: Trace file contained 48 contiguous distinct

peaks following vector sequence. Polyadenylation: based upon the

presence of a XhoI site followed by a run of 14 or more T residues

at the beginning of the sequence, this cDNA insert was

polyadenylated.

Plate: L1C44 row: D column: 20

High quality sequence stop: 35.

Location/Qualifiers

1..48

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="IMAGE:2820451"

/issue_type="small cell carcinoma"

/cell_line="MGC3"

/lab_host="DH10B (phage-resistant)"

/clone.lib="NIH MGC 7"
 /note="Organ: lung; Vector: pOTB7; Site: 1: XhoI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

Query Match 1.6%; Score 36.8; DB 1; Length 48;
 Best Local Similarity 85.4%; Pred. No. 41;
 Matches 41; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2090 TATTTTTTTTGGACCGAGTCTGCTCTGTACCCAGCGTGGAGTGCA 2137
 |||||
 Db 1 TTTTTTTTTTGGACCGAGTCTCACTCTGTCGACCGCTGGAGTGCA 48

RESULT 54
 R89723
 LOCUS ym99c12.r1 Soares adult brain N2b4HB55Y Homo sapiens cDNA clone EST 24-AUG-1995
 DEFINITION IMAGE:167062 5' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:S57235 MACROSIALIN PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION R89723
 VERSION R89723.1 GI:954550
 KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1. (bases 1 to 40)

AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and Wilson,R.

TITLE The WashU-Merck EST Project

JOURNAL Unpublished (1995)

COMMENT Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 2088

High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
 Insert Length: 2088 Std Error: 0.00

Seq primer: M13Rp1

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

1..40

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:587757"

/db_xref="taxon:9606"

/clones="IMAGE:167062"

/sex="Male"

/dev_stages="55-year old"

/lab_host="DH10B (ampicillin resistant)"

/clone.lib="Soares adult brain N2b4HB55Y"

/note="Organ: brain; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTACCAATCTGAAGTGGAGCGCGCGCTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector

(Pharmacia). Library went through one round of normalization to a Cot = 53. Library constructed by Bento Soares and M.Fatima Bonaldo. The adult brain RNA was provided by Dr. Donald H. Gilden. Tissue was acquired 17-18 hours after death which occurred in consequence of a ruptured aortic aneurysm. RNA was prepared from a pool of tissues representing the following areas of the brain: frontal, parietal, temporal and occipital cortex from the left and right hemispheres, subcortical white matter, basal ganglia, thalamus, cerebellum, midbrain, pons and medulla."

Query Match 1.5%; Score 35.8; DB 1; Length 40;
 Best Local Similarity 92.5%; Pred. No. 41;
 Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2331 CTCGGCTCCCAAAGTCTGGGATTACAGGCATGAGCCAC 2370
 |||||
 Db 1 CTCAGCCTTCCCAAAGTCTGGGATTACANGCATGAGCCAC 40

RESULT 55

N71938/c

LOCUS

DEFINITION

N71938 43 bp mRNA linear EST 15-MAR-1996
 YZ95A03.s1 Soares melanocyte 2NbHM Homo sapiens cDNA clone
 IMAGE:290764 3' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION N71938

VERSION N71938.1 GI:1228650

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1. (bases 1 to 43)

AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and Wilson,R.

TITLE The WashU-Merck EST Project

JOURNAL Unpublished (1995)

COMMENT Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: ml3 -40 forward

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

source

1..43

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3883894"

/db_xref="taxon:9606"

/clones="IMAGE:290764"

/sex="Male"

/tissue_type="melanocyte"

/lab_host="DH10B (ampicillin resistant)"

/clone.lib="Soares melanocyte 2NbHM"

/note="Vector: pT7T3D (Pharmacia) with a modified

polylinker; Site: 1: Not I; Site 2: Eco RI; 1st strand cDNA

was primed with a Not I - oligo(dT) primer [5'

TGTACCAATCTGAAGTGGAGCGCGCGCTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was size selected, ligated to Eco RI

adapters (Pharmacia), digested with Not I and cloned into

the Not I and Eco RI sites of a modified pT7T3 vector

(Pharmacia). Library constructed by Bento Soares and

M.Fatima Bonaldo. RNA from normal foreskin melanocytes (FS374) was kindly provided by Dr. Anthony P. Albino."

Query Match
Best Local Similarity 88.4%; Score 35.6; DB 1; Length 43;
Matches 38; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2322 TCGCCCACTCGGCTCCCAAAGTGTGGATTACAGGCATG 2364
|||||
Db 43 TCCTCCGCGCTCAGCCTCCCAAAGTACTGGATTACAGGCNTG 1

RESULT 56
H92874/c
LOCUS
DEFINITION
H92874 44 bp mRNA linear EST 30-NOV-1995
VT91g11.s1 Soares pineal gland N3HPG Homo sapiens cDNA clone
IMAGE:231716 3' similar to gb|M87923|HUMALCE12 Human carcinoma
cell-derived Alu RNA transcript. (rRNA); gb:M62505 C5A
ANAPHYLATOXIN CHEMOTACTIC RECEPTOR (HUMAN); , mRNA sequence.
H92874
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 2865 Std Error: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
Location/Qualifiers
1..44
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3861707"
/db_xref="taxon:9606"
/clone="IMAGE:231716"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares_pineal_gland_N3HPG"
/note="Organ: pineal gland; vector: pTR73D (Pharmacia)
with a modified polylinker; Site_1: Not I; Site_2: Eco RI;
1st strand cDNA was primed with a Not I - oligo(dT) primer
[5', TGTTCAACATCTGAAGTGAGGCGCGCGTTTTTTTTTTTTTTTTTTT
3'), double-stranded cDNA was size selected, ligated to
Eco RI adapters (Pharmacia), digested with Not I and
cloned into the Not I and Eco RI sites of a modified pTR733
vector (Pharmacia). Library constructed by Bento Soares
and M.Fatima Bonaldo."

Query Match
Best Local Similarity 1.5%; Score 35.6; DB 1; Length 44;
Matches 38; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2321 ATCCGCCACCTCGGCTCCCAAAGTGTGGATTACAGGCATG 2364

DEFINITION zq76f09.r1 Stratagene hnt neuron (#937233) Homo sapiens cDNA clone
IMAGE:647561 5' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT
PROTEIN (HUMAN); mRNA sequence.

ACCESSION AA199768
VERSION AA199768.1 GI:1795536
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 47)
AUTHORS Hillier,L., Lennon,G., Becker,M., Bonaudo,M.F., Chiapelli,B.,
Chisoe,S., Dietrich,N., Dubucque,T., Favello,A., Gish,W.,
Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J.,
Trevaskis,E., Underwood,K., Wohlmann,P., Waterston,R., Wilson,R.
and Marra,M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)
MEDLINE 97044478
PUBMED 8889549

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -28M13 rev2 from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..47
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:5217813"
/db_xref="taxon:9606"
/clone="IMAGE:647561"
/dev_stage="hnt neurons"
/lab_host="SOLR (kanamycin resistant)"
/clone_lib="Stratagene hnt neuron (#937233)"
/note="Vector: pBluescript SK; Site_1: EcoRI; Site_2:
XhoI; Cloned unidirectionally. Primer: Oligo df.
Differentiated, post mitotic hnt neurons. Average insert
size: 1.5 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5'
GAATTCGCGCAG 3' -3' adaptor sequence: 5'
CTCGAGTTT TTTT TTTT 3"

FEATURES
source
1..47
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:647561"
/dev_stage="hnt neurons"
/lab_host="SOLR (kanamycin resistant)"
/clone_lib="Stratagene hnt neuron (#937233)"
/note="Vector: pBluescript SK; Site_1: EcoRI; Site_2:
XhoI; Cloned unidirectionally. Primer: Oligo df.
Differentiated, post mitotic hnt neurons. Average insert
size: 1.5 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5'
GAATTCGCGCAG 3' -3' adaptor sequence: 5'
CTCGAGTTT TTTT TTTT 3"

Query Match 1.5%; Score 35.6; DB 1; Length 47;
Best Local Similarity 90.5%; Pred. No. 45;
Matches 38; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTGTCTGTACCCAGGCTGGAGTCGAGTCGAGTGG 2141
|||||
47 GAGACAGGGTCTGTCTGTCTGTTCGCCAGCTCGAGTCGAGTGG 6

Db

RESULT 59
AA812181
LOCUS
DEFINITION aa97f05.s1 NCI CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1320225 3'
similar to gb:M91159_1!!! ALU CLASS E WARNING ENTRY !!! (HUMAN);
mRNA sequence.

ACCESSION AA812181
VERSION AA812181.1 GI:2881792
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 45)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
JOURNAL Unpublished (1997)
COMMENT Email: cgaps-t@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Patima
Bonaudo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1084 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1..45
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1320225"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI CGAP GCB1"
/note="Vector: p773D-Pac (Pharmacia) with a modified
polylinker; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA
was prepared from human tonsillar cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI), Dr. David Allman
(NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was
primed with a Not I - oligo(dT) primer
[5'-TGTACCAATCTGAGTGGAGCGGCTCATTTT TTTT TTTT-3'
]. Double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified p773 vector. Library
went through one round of normalization, and was
constructed by Bento Soares and M. Patima Bonaudo."

Query Match 1.5%; Score 35.4; DB 1; Length 45;
Best Local Similarity 86.7%; Pred. No. 45;
Matches 39; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2321 ATCGGCCACCTCGGCTCCCAAGTCTGGATTACAGGCATGA 2365
|||||
1 ACCTGCCACCTCAACTCCCAAGTCTGAGATTACAGGCTGA 45

Db

RESULT 60
H84332
LOCUS
DEFINITION H84332 42 bp mRNA linear EST 13-NOV-1995
Y997409.r1 Soares retina N25HR Homo sapiens cDNA clone
IMAGE:222737 5' similar to gb:M87914|HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M89796_rnal HIGH
AFFINITY IMMUNOGLOBULIN BPSILON RECEPTOR (HUMAN); mRNA sequence.

ACCESSION H84332
VERSION H84332.1 GI:1063003
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 42)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

TITLE The WashU-Merck EST Project

Insert Size: 3210
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality
Insert Length: 3210 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.

FEATURES

source

```

1. 143
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:414883"
/db_xref="taxon:9606"
/clone="IMAGE:42342"
/sex="female"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="SOARES infant brain 1N1B"
/note="Organ: whole brain, Vector: Lfamid BA; Site.1: Not
I; Site.2: Hind III; 1st strand cDNA was primed with a Not
I - oligo(dT) primer [5'
AATCGAAGAATTCGGGGCGGAGGAATTTTTTTTTTTT 3'];
double-stranded cDNA was ligated to Hind III adaptors
(Pharmacia), digested with Not I and directionally cloned
into the Not I and Hind III sites of the Lfamid BA vector.
Library went through one round of normalization. Library
constructed by Benito Soares and M.Patima Bonaldo."

```

```

Query Match      1.5%; Score 34.6; DB 1; Length 43;
Best Local Similarity 86.0%; Prid.No. 47;
Matches 37; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2328  CACCTCGCCCTCCCAAGTGTGGGATTACAGGCATGAGCCAC 2370
          |||||
Db       1    CACCTTGCCCTNTCAAAGNGCTGGGATTATAGGCATGAACCA 43
          |||||

```

Trace considered overall poor quality
 Seg primer: -40ml3 fwd. ET from Amersham
 High quality sequence stop: 1.

FEATURES source

source

```

1. 144
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1147068"
/tissue_type="colon tumor RER+"
/lab_host="DH10B"

```

/clone.lib="NCI CGAP_C010"
 noted=Organ; colon; Vector: p773D-Pac (Pharmacia) with a
 modified polylinker; 1st strand cDNA was prepared from
 RER+ colon tumor, and was then primed with a Not I -
 oliga (dT) primer. Double-stranded cDNA was ligated to Eco
 RI adaptors (Pharmacia), digested with Not I and cloned
 into the Not I and Eco RI sites of the modified p773
 vector. Library is normalized. Library was constructed by
 Bento Soares and M. Fatima Ronaldo (N-Soares)."

Query Match	1.5%;	Score 34.4;	DB 1;	Length 44;
Best Local Similarity	86.4%;	Pred. No. 49;		
Matches	38;	Conservative	0; Mismatches	6; Indels
Gaps	0;			

Qy	2321	ATCCGCCCACTGGGCTCCCCAAGTGTGGGATTACAGCATG	2364
Db	1	ATCCTCCCGCCTCAGCTCCCAAAGTGCTAGGATTACAGGTGTG	44

FEATURES
SOURCE

Source

```

1. .44
/organism="Homo sapiens"
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/db_xref="GDB:479018"
/db_xref="taxon:9606"
/clone="IMAGE:126857"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p7T3D (Pharmacia)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(AT) primer
15' AACTGCGAGATTAAATGAAGATCTTTTTTTTTTTT 3' ],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified p7T3 vector. Library
went through one round of normalization. Library

```



```

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 43)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs@mail.nih.gov
Tissue Procurement: Michael J. Brownstein, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
cDNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1282 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
1..43
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2112809"
/sex="male"
/dev_stage="adult"
/lab_host="DH10B"
/clone_lib="NCI CGAP pr28"
/note="organ: prostate; Vector: pT7T3D-Pac (Pharmacia)
with a modified polylinker; Plasmid DNA from the
normalized library NCI CGAP Pr22 was prepared, and as
circles were made in vitro. Following HAP purification,
this DNA was used as tracer in a subtractive hybridization
reaction. The driver was PCR-amplified cDNAs from a pool
of 5,000 clones made from the same library (clonesIDs
985608-986759, 110192-110199, and 1217928-1220615).
Subtraction by Bento Soares and M. Fatima Bonaldo. "

Query Match 1.4%; Score 34; DB 1; Length 43;
Best Local Similarity 88.1%; Pred. No. 50;
Matches 37; Conservatve 0; Mismatches 5; Indels 0; Gaps 0;

QY 2318 GTGATCCGCCACCTCGGCTCCCAAGTGTGGGATTACAG 2359
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
42 GTGACCCGCGTCCCTCAGCCTCCCAAGTGTGGGATTACAG 1

RESULT 67
AA054107/c
LOCUS
DEFINITION
AA054107 38 bp mRNA linear EST 13-SEP-1996
IMAGE:380387 5' similar to gb:X77738_rnai BAND 3 ANION TRANSPORT
PROTEIN (HUMAN); mRNA sequence.
AA054107
AA054107.1 GI:1545030
EST.
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 38)
Hillier,L., Clark,N., Dubuca,T., Ellison,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevasakis,S., Waterston,R., Williamson,A., Woldmann,P. and
Wilson,R.
The WashU-Merck EST Project
Unpublished (1995)

```

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810

Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -28M13 rev2 from Amersham
High quality sequence stop: 1.

FEATURES

source

source

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1. .39
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1288644"
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/clone="IMAGE:380387"
/sex="male"
/tissue_type="retina"
/dev_stage="55 year old"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares retina N2b4HR"
/note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo."
```

```
1.4%; Score 33.8; DB 1; Length 38;
Best Local Similarity 92.1%; Pred. No. 48;
Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Query Match 1.4%; Score 33.8; DB 1; Length 38;

Best Local Similarity 92.1%; Pred. No. 48;

Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTGTGTACCGAGCGTGGAGTGCA 2137

Db 38 GAGACAGNGTCTTGCTGTGTGTCGCCAGCGTGGAGTGCA 1

RESULT 68

H84235

LOCUS

DEFINITION H84235 39 bp mRNA linear EST 13-NOV-1995
IMAGE:219683 3', similar to gb|M87910|HUMALNE34 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M35663
INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE
(HUMAN); mRNA sequence.

ACCESSION H84235

VERSION H84235.1 GI:1062906

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE H84235 39 bp mRNA linear EST 13-NOV-1995
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL

COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence stops: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert length: 1611 Std Error: 0.00

Seq primer: Promega -21ml3

High quality sequence stop: 1.

Location/Qualifiers

1. .39

/organism="Homo sapiens"

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/db_xref="taxon:9606"

/clone="IMAGE:219683"

/sex="male"

/tissue_type="retina"

/dev_stage="55 year old"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares retina N2b4HR"

/note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). The retinas were obtained from a 55 year old
Caucasian and total cellular poly(A)+ RNA was extracted 6
hrs after their removal. The retina RNA was kindly
provided by Roderick R. McInnes M.D. Ph.D. from the
University of Toronto. Library constructed by Bento
Soares and M.Fatima Bonaldo."

Query Match 1.4%; Score 33.2; DB 1; Length 39;

Best Local Similarity 89.7%; Pred. No. 51;

Matches 35; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTCTTGCTGTGTACCGAGCGTGGAGTGC 2136

Db 1 TTGAGACAGTCTCGCTCTGTGTCGCCAGCGTGGAGTGC 39

RESULT 69

W96297

LOCUS

DEFINITION

W96297 40 bp mRNA linear EST 16-JUL-1996
ze42a10.r1 Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:361626 5', similar to gb:S41458 ROD CGMP-SPECIFIC 3', 5'-CYCLIC
PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN); mRNA sequence.

ACCESSION W96297

VERSION W96297.1 GI:1426243

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE W96297 40 bp mRNA linear EST 16-JUL-1996
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL

COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu


```

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/cloned_image="IMAGE:127049"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clo_lib="Soares fetal liver spleen INFILS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGGAAGTAATTAAGAATCTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match
Best Local Similarity 1.4%; Score 33; DB 1; Length 43;
Matches 36; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 2096 TTTTGACCGAGTCCTGCTGTATTACCAGGCTGGAGTGCA 2137
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 TTTTAAAGAGGAGNCTGCTGTGCACCCAGGCTGGAGTGCA 42

RESULT 72
AG189036/c
LOCUS
DEFINITION
Pan troglodytes DNA, clone: RP43-063E23.TJ, genomic survey sequence.
ACCESSION
AG189036
VERSION
AG189036.1 GI:45221212
KEYWORDS
GSS.
SOURCE
Pan troglodytes (chimpanzee)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 37)
Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yu-seong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.krrib.re.kr, URL:http://phs.grc.krrib.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACE3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI
Location/Qualifiers
1..37
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/mol_type="genomic DNA"
/db_xref="taxon:9598"
/cloned_image="RP43-063E23.TJ"
/sex="male"
/cell_type="lymphocytes"
/cloned_image="RP-43 Chimpanzee Male BAC Library"

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/cloned_image="IMAGE:127049"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clo_lib="Soares fetal liver spleen INFILS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGGAAGTAATTAAGAATCTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match
Best Local Similarity 1.4%; Score 33; DB 1; Length 43;
Matches 36; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 2096 TTTTGACCGAGTCCTGCTGTATTACCAGGCTGGAGTGCA 2137
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 TTTTAAAGAGGAGNCTGCTGTGCACCCAGGCTGGAGTGCA 42

RESULT 72
AG189036/c
LOCUS
DEFINITION
Pan troglodytes DNA, clone: RP43-063E23.TJ, genomic survey sequence.
ACCESSION
AG189036
VERSION
AG189036.1 GI:45221212
KEYWORDS
GSS.
SOURCE
Pan troglodytes (chimpanzee)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 37)
Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yu-seong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.krrib.re.kr, URL:http://phs.grc.krrib.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACE3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI
Location/Qualifiers
1..37
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/cloned_image="RP43-063E23.TJ"
/sex="male"
/cell_type="lymphocytes"
/cloned_image="RP-43 Chimpanzee Male BAC Library"

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/cloned_image="IMAGE:127049"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clo_lib="Soares fetal liver spleen INFILS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGGAAGTAATTAAGAATCTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match
Best Local Similarity 1.4%; Score 33; DB 1; Length 43;
Matches 36; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 2096 TTTTGACCGAGTCCTGCTGTATTACCAGGCTGGAGTGCA 2137
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 TTTTAAAGAGGAGNCTGCTGTGCACCCAGGCTGGAGTGCA 42

RESULT 72
AG189036/c
LOCUS
DEFINITION
Pan troglodytes DNA, clone: RP43-063E23.TJ, genomic survey sequence.
ACCESSION
AG189036
VERSION
AG189036.1 GI:45221212
KEYWORDS
GSS.
SOURCE
Pan troglodytes (chimpanzee)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 37)
Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yu-seong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.krrib.re.kr, URL:http://phs.grc.krrib.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACE3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI
Location/Qualifiers
1..37
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/cloned_image="RP43-063E23.TJ"
/sex="male"
/cell_type="lymphocytes"
/cloned_image="RP-43 Chimpanzee Male BAC Library"

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/cloned_image="IMAGE:127049"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clo_lib="Soares fetal liver spleen INFILS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGGAAGTAATTAAGAATCTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match
Best Local Similarity 1.4%; Score 33; DB 1; Length 43;
Matches 36; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 2096 TTTTGACCGAGTCCTGCTGTATTACCAGGCTGGAGTGCA 2137
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 TTTTAAAGAGGAGNCTGCTGTGCACCCAGGCTGGAGTGCA 42

RESULT 72
AG189036/c
LOCUS
DEFINITION
Pan troglodytes DNA, clone: RP43-063E23.TJ, genomic survey sequence.
ACCESSION
AG189036
VERSION
AG189036.1 GI:45221212
KEYWORDS
GSS.
SOURCE
Pan troglodytes (chimpanzee)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 37)
Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yu-seong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.krrib.re.kr, URL:http://phs.grc.krrib.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACE3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI
Location/Qualifiers
1..37
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/cloned_image="RP43-063E23.TJ"
/sex="male"
/cell_type="lymphocytes"
/cloned_image="RP-43 Chimpanzee Male BAC Library"

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/cloned_image="IMAGE:127049"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clo_lib="Soares fetal liver spleen INFILS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGGAAGTAATTAAGAATCTTTTTTTTTTTTT
```


JOURNAL COMMENT

Tumor Gene Index
 Unpublished (1997)
 Contact: Robert Strausberg, Ph.D.
 Email: cgapbs-remail.nih.gov
 Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman, Ph.D., Gerald Marti, M.D.
 CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
 CDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
 Insert Length: 3122 Std Error: 0.00
 Seq primer: -40ml3 fwd. ET from Amersham
 High quality sequence stop: 1.
 Location/Qualifiers
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 /organism="Homo sapiens"
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 /db_xref="taxon:9606"
 /clone="IMAGE:1308563"
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 /lab_host="DH10B"
 /clone_lib="NCI CGAP GCBI"
 /note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was prepared from human tonsillar cells enriched for germinal center B cells by flow sorting (CD20+, IgD-), provided by Dr. Louis M. Staudt (NCI), Dr. David Allman (NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was primed with a Not I - oligo(dT) primer
 [5'-TGTTACCACTGAGTGGAGCGCGCTCATTTTTTTTTTTT-3'
 1. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo."

FEATURES

source
 1. .41
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:1308563"
 /tissue_type="germinal center B cell"
 /lab_host="DH10B"
 /clone_lib="NCI CGAP GCBI"
 /note="Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was prepared from human tonsillar cells enriched for germinal center B cells by flow sorting (CD20+, IgD-), provided by Dr. Louis M. Staudt (NCI), Dr. David Allman (NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was primed with a Not I - oligo(dT) primer
 [5'-TGTTACCACTGAGTGGAGCGCGCTCATTTTTTTTTTTT-3'
 1. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization, and was constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.4%; Score 32.2; DB 1; Length 41;
 Best Local Similarity 91.9%; Pred. No. 57;
 Matches 34; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2331 CTCGCCCTCCCAAGTCTGGGATTACAGCATCAGC 2367
 Db 1 CTCGCCCTCCCAAGTCTGGGATTACAGCATCAGC 37

RESULT 77

H58423
 LOCUS Yr25b11.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:206301 3', similar to gb:X52075_rna3 LEUKOSIALIN PRECURSOR (HUMAN); mRNA sequence.
 DEFINITION
 H58423
 ACCESSION
 VERSION H58423.1 GI:1011255
 KEYWORDS EST.
 ORGANISM Homo sapiens (human)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 41)
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
 The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800

Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 1477
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 1477 Std Error: 0.00
 Seq primer: Promega -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 1. .41
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3775432"
 /db_xref="taxon:9606"
 /clone="IMAGE:206301"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5'-ACTGAGAGATTAATTAAGATCTTTTTTTTTTTTTTTT-3',
 Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M. Fatima Bonaldo."

FEATURES

source
 1. .41
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:3775432"
 /db_xref="taxon:9606"
 /clone="IMAGE:206301"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5'-ACTGAGAGATTAATTAAGATCTTTTTTTTTTTTTTTT-3',
 Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 1.4%; Score 32.2; DB 1; Length 41;
 Best Local Similarity 87.2%; Pred. No. 57;
 Matches 34; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2330 CTCGCCCTCCCAAGTCTGGGATTACAGCATGAGCC 2368
 Db 3 CTCGCCCTCCCAAGTCTGGGATTACAGCATGAGCC 41

RESULT 78

AA019796/c
 LOCUS ze62h02.r1 Soares retina N2b4HR Homo sapiens cDNA clone IMAGE:363603 5', similar to gb:S41458 ROD GCMP-SPECIFIC 3', 5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN); mRNA sequence.
 DEFINITION
 AA019796
 ACCESSION
 VERSION AA019796.1 GI:1483124
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 41)
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
 The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Seq primer: -29M13 rev2 from Amersham

primer [5']
 TGTACCAATCTGAAGTGGAGCGCGCCCAATTTTTTTTTTTT 3']
 Double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not I
 and Eco RI sites of the modified pT7T3 vector. Library
 went through one round of normalization to Cot5, and was
 constructed by Bento Soares and M. Fatima Bonaldo.

Query Match 1.3%; Score 31.8; DB 1; Length 42;
 Best Local Similarity 94.3%; Pred. No. 60;
 Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCTCAAGTCTGGGATTACAGCAGTGCACCC 2371

Db 8 CTCCTCAAGTCTGGGATTACAGCAGTGCACCC 42

RESULT 81

H14827

LOCUS

DEFINITION
 Ym5e02.s1 Soares infant brain INIB Homo sapiens cDNA clone
 IMAGE:48814 3' similar to gb|M87914|HUMALNE461 Human carcinoma
 cell-derived Alu RNA transcript, (rRNA); gb:D10202 PLATELET
 ACTIVATING FACTOR RECEPTOR (HUMAN); mRNA sequence.

ACCESSION

H14827

VERSION

H14827.1

KEYWORDS

GI:879647

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu

Insert Size: 1827
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Insert Length: 1827 Std Error: 0.00
 Seq primer: Promega -21m13
 High quality sequence stop: 1.

FEATURES

source

1..34
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:421355"
 /db_xref="taxon:9606"
 /clone="IMAGE:48814"
 /sex="female"
 /dev_stages="73 days post natal"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares infant brain INIB"
 /note="Organ: whole brain; Vector: Lfamid BA; Site 1: Not
 I; Site 2: Hind III; 1st strand cDNA was primed with a Not
 I - oligo(dT) primer [5']
 AACGCGAAGATTCGCGCCGACGAGATTTTTTTTTTTT 3';
 double-stranded cDNA was ligated to Hind III adaptors
 (Pharmacia), digested with Not I and directionally cloned
 into the Not I and Hind III sites of the Lfamid BA vector.

Library went through one round of normalization. Library
 constructed by Bento Soares and M. Fatima Bonaldo.

Query Match 1.3%; Score 31.4; DB 1; Length 34;
 Best Local Similarity 94.1%; Pred. No. 56;
 Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCTCCCAAGTCTGGGATTACAG 2359

Db 1 CCACCTCGGCTCCCAAGTCTGGGATTACAG 34

RESULT 82

R85453

LOCUS

DEFINITION

R85453

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Yq26904.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
 IMAGE:275118 3' similar to gb|M87908|HUMALNE32 Human carcinoma
 cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10
 PRECURSOR (HUMAN); mRNA sequence.

R85453

VERSION

R85453.1

KEYWORDS

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

The WashU-Merck EST Project
 Unpublished (1995)
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu

Insert Size: 882

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 882 Std Error: 0.00

Seq primer: Promega -21m13

High quality sequence stop: 1.

Location/Qualifiers

1..36

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3798804"

/db_xref="taxon:9606"

/clone="IMAGE:275118"

/sex="male"

/dev_stages="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/notes="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)

with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5'] AACGCGAAGATTAATTAAGATCTTTTTTTTTTTT 3';

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT7T3 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M. Fatima Bonaldo.

Query Match

Best Local Similarity

1.3%; Score 31.2; DB 1; Length 36;

91.7%; Pred. No. 58;

T89869.1 GI:718382
 EST.
 SOURCE Homo sapiens (human)
 ORGANISM
 Mammalia: Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 34)
 REFERENCE
 AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevisakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.
 The WashU-Merck EST Project
 TITLE
 JOURNAL
 COMMENT
 Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@wustl.edu
 Insert Size: 1192
 High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
 Insert Length: 1192 Std Error: 0.00
 Seq primer: -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 source
 1..34
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:472015"
 /db_xref="taxon:9606"
 /clone="IMAGE:116398"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACCTGGAAGTAATTAAGATCTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Ronaldo."
 Query Match 1.3%; Score 30.4; DB 1; Length 34;
 Best Local Similarity 96.9%; Pred. No. 61;
 Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 2110 CTTGCTCTGTACCCAGGCTGCAGTCAGTGG 2141
 |||||
 Db 1 CTTGCTCTGTACCCAGGCTGCAGTCAGTGG 32
 |||||
 RESULT 88
 AI801185 35 bp mRNA linear EST 14-DEC-1999
 LOCUS to79h04.x1 NCI CGAP Gas4 Homo sapiens cDNA clone IMAGE:2184535 3,
 DEFINITION similar to gb|U87921|HUMALCD120 Human carcinoma cell-derived Alu
 RNA transcript, (rRNA); contains element TAR1 repetitive element ;,
 mRNA sequence.
 ACCESSION AI801185
 VERSION AI801185.1 GI:5366557
 KEYWORDS
 SOURCE
 ORGANISM Homo sapiens (human)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 35)
 REFERENCE
 AUTHORS

IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1243 Std Error: 0.00
Seq Primer: M3RP1
High quality sequence stop: 1.
Location/Qualifiers
1. 40
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3819018"
/db_xref="taxon:9606"
/clones="IMAGE:188121"
/sex="Female"
/dev_stage="adult"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares Breast 3NBHst"
/note="Organ: breast; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 20. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 30.2; DB 1; Length 40;
Best Local Similarity 82.1%; Pred. No. 67;
Matches 32; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTGCTCTGTACCCAGCGTGGAGTGC 2138
|||||
Db 2 GAGACGAGCACTNNCTCTGTGCCCGCGCTGNAGTGC 40
|||||

RESULT 90
LOCUS
AI088003
DEFINITION
o024h05.x1 Soares NSF P8_9W OT PA P S1 Homo sapiens cDNA clone
IMAGE:1567161 3' Similar to gb:S41458 ROD CGMP-SPECIFIC
3', 5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN);, mRNA
sequence.
ACCESSION
AI088003
VERSION
AI088003.1 GI:3427036
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 38)
NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Straubeberg, Ph.D.
Email: cgapbs-remail.nih.gov
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 826 Std Error: 0.00
Seq Primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. 38
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clones="IMAGE:1567161"
/lab_host="DH10B"
/clone_lib="Soares NSF P8_9W OT PA P S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not 1; Site_2: Eco RI;

IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1243 Std Error: 0.00
Seq Primer: M3RP1
High quality sequence stop: 1.
Location/Qualifiers
1. 40
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3819018"
/db_xref="taxon:9606"
/clones="IMAGE:188121"
/sex="Female"
/dev_stage="adult"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares Breast 3NBHst"
/note="Organ: breast; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGAGCGCGCCCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 20. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.3%; Score 30; DB 1; Length 38;
Best Local Similarity 86.8%; Pred. No. 67;
Matches 33; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTGCTCTGTACCCAGCGTGGAGTGC 2136
|||||
Db 1 TTAATGGAGTCTGCTCTGTACCCAGCGTGGAGTGC 38
|||||

RESULT 91
AG201498/c
LOCUS
AG201498
DEFINITION
Pan troglodytes DNA, clone: RP43-084A23.TJ, genomic survey
sequence.
ACCESSION
AG201498
VERSION
AG201498.1 GI:45233673
KEYWORDS
GSS.
SOURCE
Pan troglodytes (chimpanzee)
ORGANISM
Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
1
REFERENCE
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 33)
Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
52, Oun-dong, Yuseong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
PRIMERS
Sequencing: TJ
LIBRARY
Vector : pBACe3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI.
Location/Qualifiers
1. 33
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-084A23.TJ"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 1.3%; Score 29.8; DB 1; Length 33;
Best Local Similarity 93.9%; Pred. No. 63;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCCTCCCAAAGTCTGGGATTACAG 2359

Db 2 TAGTAGACGGGGTTTCACCTGGGTGAGCCAGGATG 37

RESULT 94
N34814
LOCUS
DEFINITION
Yy44c12.s1 Soares multiple sclerosis 2NBHMSF Homo sapiens cDNA
clone IMAGE:276406 3', similar to gb|U87923|HUMALCE12 Human
carcinoma cell-derived Alu RNA transcript, (cRNA); gb:M57627
INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION
N34814
VERSION
N34814.1 GI:1155956
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 38)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfs, T., Soares, M., Tan, F.,
Trevas, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.
The WashU-Merck EST Project
Unpublished (1995)
CONTACT: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: m13 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
1. .38
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3894660"
/db_xref="taxon:9606"
/clone="IMAGE:276406"
/sex="male"
/tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NBHMSF"
/note="Vector: pT7T3D (Pharmacia) with a modified
polylinker V.TYP: phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo(dT)
primer [5',
TGTTACCAATCTGAGTGGAGCGGCGCATTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). Library went through one round of
normalization to a Cot = 5. Library constructed by Bento
Soares and M. Fatima Bonaldo. RNA from 4 multiple sclerosis
lesions from one patient was kindly provided by Dr. Kevin
G. Becker (NINDS/NIH)."

Query Match
Best Local Similarity 1.2%; Score 29.6; DB 1; Length 38;
Matches 32; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2330 CCTGGGCTCCCAAGTCTGGGATTACAGGCATGA 2365
|||||
Db 3 CCTCAGGCTCCCAAGTCTGGGATTACAGCGTGA 38
|||||

RESULT 95
AA810775
LOCUS
DEFINITION
ca82805.s1 NCI CGAP GCB1 Homo sapiens cDNA clone IMAGE:1318784 3',
similar to gb|J04809_rnal ADENYLATE KINASE ISOENZYME 1 (HUMAN);,
mRNA sequence.

ACCESSION
AA810775
VERSION
AA810775.1 GI:2880386
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 36)
NCI-CCAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
CONTACT: Robert Strausberg, Ph.D.
Email: cgapsb@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1139 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers
1. .36
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1318784"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI CGAP GCB1"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
was prepared from human tonsillar cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI), Dr. David Allman
(NCI) and Dr. Gerald Marti (CBER). cDNA synthesis was
primed with a Not I - oligo(dT) primer
[5'-TGTTACCAATCTGAGTGGAGCGGCGCATTTTTTTTTTTTTTTT-3',
Double-stranded cDNA was ligated to Eco RI adapters
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization, and was
constructed by Bento Soares and M. Fatima Bonaldo."

Query Match
Best Local Similarity 1.2%; Score 29.2; DB 1; Length 36;
Matches 31; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2086 TTATTATTTTTTTTGAGACCGAGTCTTGCTCTGT 2119
|||||
Db 2 TTTTITTTTTTTTGAGACCGAGTCTTGCTCTGT 35
|||||

RESULT 96
B112512
LOCUS
DEFINITION
B112512
602900452F1 NCI CGAP_Mam5 Mus musculus cDNA clone IMAGE:5030076 5',
mRNA sequence.

ACCESSION
B112512

```

VERSION      B1112512.1  GI:14563413
SOURCE       Mus musculus (house mouse)
ORGANISM     Mus musculus
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE        1 (bases 1 to 38)
JOURNAL      NIH-WGAC http://mgc.nci.nih.gov/.
COMMENT      National Institutes of Health, Mammalian Gene Collection (MGC)
              Unpublished (1999)
              Contact: Robert Strausberg, Ph.D.
              Email: csapbs@email.nih.gov
              Tissue Procurement: Lothar Hennighausen Ph.D., Robin Humphreys
              cDNA Library Preparation: Life Technologies, Inc.
              cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
              DNA Sequencing by: Incyte Genomics, Inc.
              Clone distribution: MGC clone distribution information can be
              found through the I.M.A.G.E. Consortium/LLNL at:
              http://image.llnl.gov
              Plate: LLAM11084 row: h column: 13
              High quality sequence start: 3
              High quality sequence stop: 36.
FEATURES     Location/Qualifiers
              1..38
                /organism="Mus musculus"
                /mol_type="mRNA"
                /strain="mix FVB/N, C57BL/6J"
                /db_xref="taxon:10090"
                /clone="IMAGE:5030076"
                /tissue_type="tumor, gross tissue"
                /dev_stage="7 months"
                /lab_host="DH10B"
                /clone_lib="NCI CGAP Mam5"
                /notes="Organ: mammary; Vector: pCMV-SPORT6; Site 1: Salt;
              Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
              Library constructed by Life Technologies. Investigators
              providing samples: Lothar Hennighausen/Robin Humphreys,
              NIH"
Query Match      1.2%; Score 29; DB 1; Length 38;
Best Local Similarity 86.5%; Pred. No. 73;
Matches 32; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGGATTACAGGATGAGCCACCG 2372
      |||||
      1 CCTCCCAAGTGTGGGATTACAGGCGTGGCCACCG 37
      |||||

RESULT 97
LOCUS      H56911
DEFINITION Yr07d07.sl Soares fetal liver spleen INFLS Homo sapiens cDNA clone
            IMAGE:204589 3' similar to gb|M87911|HUMALNE57 Human carcinoma
            cell-derived Alu RNA transcript, (rRNA); gb:M15530 B-CELL GROWTH
            FACTOR PRECURSOR (HUMAN); mRNA sequence.
ACCESSION  H56911
VERSION     H56911.1  GI:1009743
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 37)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
            Wilson,R.
            The WashU-Merck EST Project
            Unpublished (1995)
            Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@wustl.wustl.edu
            This clone is available royalty-free through LLNL; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.

Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.wustl.edu
Insert Size: 843
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 843 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
FEATURES     Location/Qualifiers
              1..37
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="GDB:3773720"
                /db_xref="taxon:9606"
                /clone="IMAGE:204589"
                /sex="male"
                /dev_stage="20 week-post conception fetus"
                /lab_host="DH10B (ampicillin resistant)"
                /clone_lib="Soares fetal liver spleen INFLS"
                /note="Organ: Liver and Spleen; Vector: p77T3D (Pharmacia)
              with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
              1st strand cDNA was primed with a Pac I - oligo(dT) primer
              [5' AACTGGAGAGATTATTAAGATCTTTTCTTTTCTTTTCTTTT 3'],
              double-stranded cDNA was ligated to Eco RI adaptors
              (Pharmacia), digested with Pac I and cloned into the Pac I
              and Eco RI sites of the modified p77T3 vector. Library
              went through one round of normalization. Library
              constructed by Bento Soares and M.Patima Bonaudo."
Query Match      1.2%; Score 28.6; DB 1; Length 37;
Best Local Similarity 83.8%; Pred. No. 75;
Matches 31; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGAGGGTTTCACCGTTTACCGAGGATG 2298
      |||||
      1 TTAGTAGACAGAGGGTNCACCATATTGCCAGGCTG 37
      |||||

RESULT 98
LOCUS      N80471
DEFINITION zai6a10.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
            IMAGE:292698 5' similar to gb|M87941|HUMALU20 Human carcinoma
            cell-derived Alu RNA transcript, (rRNA); gb:M15990 PROTO-ONCOGENE
            TYROSINE-PROTEIN KINASE YES (HUMAN); mRNA sequence.
ACCESSION  N80471
VERSION     N80471.1  GI:1243172
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 33)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevisakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
            Wilson,R.
            The WashU-Merck EST Project
            Unpublished (1995)
            Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@wustl.wustl.edu
            This clone is available royalty-free through LLNL; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.

```

Trace considered overall poor quality

Seq primer: reverse ET
High quality sequence stop: 1.

FEATURES

Location/Qualifiers
1. .33
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3800475"
/db_xref="taxon:9606"
/clone="IMAGE:292698"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: liver and Spleen; Vector: pTV73D (Pharmacina) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5', AACTGGAAGAAATTAATTAAGATCTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacina), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pTV73 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.2%; Score 28.4; DB 1; Length 33;
Best Local Similarity 87.9%; Pred. No. 72;
Matches 29; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2295 GATGTCCTCGATCTCTCGACCTCGTGATCCGCC 2327
|||||
Db 1 GATGTCCTCGATCTCTCGACCTCGTGATCCGCC 33

RESULT 99
T66163/c
LOCUS
DEFINITION
Yc77e05.s1 Soares infant brain INIB Homo sapiens cDNA clone
IMAGE:21856 3' similar to gb|M87912|HUMALNE562 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); mRNA sequence.

ACCESSION
T66163
VERSION
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 34)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

REFERENCE
AUTHORS
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 2529
High quality sequence starts: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 2529 Std Error: 0.00
Seq primer: -21ml3
High quality sequence stop: 1.
Location/Qualifiers
1. .34
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:394203"

/db_xref="taxon:9606"
/clone="IMAGE:21856"
/sex="female"
/dev_stage="73 days post natal"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares infant brain INIB"
/note="Organ: whole brain; Vector: Lfamid BA; Site 1: Not
I; Site 2: Hind III; 1st strand cDNA was primed with a Not
I - oligo(dT) primer [5',
AACTGGAAGAAATTCGCGCGCAGGAATTTTTTTTTTTT 3'];
double-stranded cDNA was ligated to Hind III adaptors
(Pharmacina), digested with Not I and directionally cloned
into the Not I and Hind III sites of the Lfamid BA vector.
Library went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.2%; Score 28.2; DB 1; Length 34;
Best Local Similarity 88.2%; Pred. No. 74;
Matches 30; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCCTCCCAAACTGCTGGGATTACAG 2359
|||||
Db 34 CCACCTCGGCCTCCCAAACTGCTGGGATTACAG 1

RESULT 100

R92576/c

LOCUS

DEFINITION

YQ07a07.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:196212 3' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT
PROTEIN (HUMAN); mRNA sequence.

ACCESSION

R92576

VERSION

KEYWORDS

SOURCE

Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 36)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

REFERENCE

AUTHORS

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 839
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 839 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
1. .36
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3765262"
/db_xref="taxon:9606"
/clone="IMAGE:196212"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"

FEATURES

source

Qy	2092	TTTTTTTGAGACCGAGTCTTGCTCTGTATCCCG	2127
D _b	2	TTTTTTTGAGATGGAGTCTCGCTCTGTGCGCCAG	37

1991, LOCUS DEFINITION	ACCESSION VERSION
1991, LOCUS DEFINITION	ACCESSION VERSION

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KEYWORDS  EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 35)
AUTHORS     Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
            Chisoso, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,
            Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,
            Markis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,
            Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,
            Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.,
            and Marra, M.

TITLE       Generation and analysis of 280,000 human expressed sequence tags
JOURNAL     Genome Res. 6 (9), 807-828 (1996)
MEDLINE     97044478
PUBMED      8889549
COMMENT     Other ESTs: ya82h06.s1
            Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 21
            High quality sequence stops: 14
            Source: IMAGE Consortium, LLNL This
            clone is available royalty-free through LLNL; contact the IMAGE
            Consortium (info@image.llnl.gov) for further information.
            Seq primer: M13RP1
            High quality sequence stop: 14.

FEATURES             source
            1..35
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:504476"
            /db_xref="taxon:9606"
            /clone="IMAGE:68219"
            /sex="female"
            /dev_stage="49 year old"
            /lab_host="SOLR cells (kanamycin resistant)"
            /clone_lib="Stratagene ovary (#937217)"
            /note="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI;
            Site 2: XhoI; Cloned unidirectionally. Primer: Oligo dT.
            Total ovary tissue, normal, caucasian. Average insert
            size: 0.8 kb; Uni-ZAP XR Vector; ~3' adaptor sequence: 5'
            GAATTCGCGACAG 3' ~3' adaptor sequence: 5'
            CTCGAGTTTTTTTTTTTTTTT 3'"

Query Match      1.1%; Score 27.2; DB 1; Length 35;
Best Local Similarity 87.9%; Pred. No. 82;
Matches 29; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY  2193 CTGCTCAGCTCCCAATTAGCTTGGCTACAG 2225
Db   1 CTGCTCAGCTCCCAAGTACTGAGNCTACAG 33

RESULT 104
R84946/c
LOCUS      R84946
DEFINITION y65g08.rl Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:275510 5', similar to gb|M87933|HUMALU0364 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M92424 MDM2 PROTEIN
(HUMAN); mRNA sequence.
ACCESSION  R84946
VERSION     R84946.1 GI:943352
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 28)
AUTHORS     Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
Wilson, R.
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 2611
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 2611 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.

FEATURES             source
            1..28
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="GDB:3849911"
            /db_xref="taxon:9606"
            /clone="IMAGE:275510"
            /sex="male"
            /tissue_type="retina"
            /dev_stage="55 year old"
            /lab_host="DH10B (ampicillin resistant)"
            /clone_lib="Soares retina N2b4HR"
            /note="Organ: eye; Vector: pT7T3D (Pharmacia) with a
            modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
            strand cDNA was primed with a Not I - oligo(dT) primer [5'
            TGTTACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTTCTTTT 3'],
            double-stranded cDNA was size selected, ligated to Eco RI
            adapters (Pharmacia), digested with Not I and cloned into
            the Not I and Eco RI sites of a modified pT7T3 vector
            (Pharmacia). The retinas were obtained from a 55 year old
            Caucasian and total cellular poly(A)+ RNA was extracted 6
            hrs after their removal. The retina RNA was kindly
            provided by Roderick R. McInnes M.D. Ph.D. from the
            University of Toronto. Library constructed by Bento
            Soares and M.Fatima Bonaldo."

Query Match      1.1%; Score 27; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 75;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2114 CTCTGTTACCCAGCTGCGAGTGCAGTG 2140
Db   27 CTCTGTTACCCAGCTGCGAGTGCAGTG 1

RESULT 105
N38850/c
LOCUS      N38850
DEFINITION y80811.r1 Soares multiple sclerosis 2b4HMP Homo sapiens cDNA
clone IMAGE:279884 5', similar to gb|M87933|HUMALU0364 Human
carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M96956
EPIDERMAL GROWTH FACTOR-LIKE PROTEIN (HUMAN); mRNA
sequence.
ACCESSION  N38850
VERSION     N38850.1 GI:1162057
KEYWORDS    EST.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 35)

```

AUTHORS

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.

The WashU-Merck EST Project

TITLE

JOURNAL

COMMENT

Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.edu

High quality sequence starts: 1
High quality sequence stops: 1

Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: T7
High quality sequence stop: 1.

FEATURES

source

1..35 Location/Qualifiers

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3898260"
/db_xref="taxon:9606"
/clone="IMAGE:279884"
/sex="male"
/tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"

/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares multiple sclerosis 2NbhMS"
/note="Vector: pT73D (Pharmacia) with a modified polylinker V-TYPE: phagemid; Site_1: Not I; Site_2: Eco RI; 1st strand cDNA was primed with a Not I - oligo (dT) primer 15'
TGTATCAATCTGAAGTGGAGCGCGCATTTTTTTTTTTTTTTT 3',
double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT73 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH)."

Query Match

Best Local Similarity 1.1%; Score 27; DB 1; Length 35;
Matches 30; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2099 TCAGACCGAGTCTGCTCTGTACCAGGCTGGAG 2133

DB 35 TCAGACGGGGTCTCACTCTGTCAACCCAGGCTGGAG 1

RESULT 106

T99092

LOCUS

ye67f08.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:122823 3' similar to gb:L27670 Human Landsteiner-Wiener blood group glycoprotein (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

T99092.1 GI:748829
EST.
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

1 (bases 1 to 30).
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,

TITLE

JOURNAL

COMMENT

Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.edu
Insert Size: 1341

High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Insert Length: 1341 Std Error: 0.00
Seq primer: -21ml3
High quality sequence stop: 1.

FEATURES

source

1..30 Location/Qualifiers

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:475368"
/db_xref="taxon:9606"
/clone="IMAGE:122823"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT73D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer 15'
[5', AACTGGAAGATTAATTAAGATCTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT73 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 1.1%; Score 26.8; DB 1; Length 30;
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TCCCAAGTGTGGGATTACAGGATGAGC 2367

DB 1 TCCCAAGTGTGGGATTACAGGCTTCAGC 30

RESULT 107

H41735

LOCUS

H41735 34 bp mRNA linear EST 31-JUL-1995
yn94el2.s1 Soares adult brain N2b5HB55Y Homo sapiens cDNA clone IMAGE:176110 3' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (tRNA); gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN); contains MIR repetitive element ;, mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Insert Length: 1012 Std Error: 0.00
Seq primer: -21m13
High quality sequence stop: 1.

Location/Qualifiers
1. .35

FEATURES source

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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:471967"
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/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/notes="Organ: Liver and Spleen; Vector: p77T3D (Pharmacacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGATTATTAAGATCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified p77T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Patima Bonaldo."
```

Query Match 1.1%; Score 26.6; DB 1; Length 35;

Best Local Similarity 82.9%; Pred. No. 86;
Matches 29; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2324 CGCCACCTCGGCTCCCAAGCTGGGATTACA 2358

Db 1 CNCCTGCTCACCTCCCAAGNGCTGGGATTACA 35

RESULT 110

H41155

LOCUS

DEFINITION YP64e05, el Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:192224 3' similar to gb|M87935|HUMALU472 Human carcinoma cell-derived Alu RNA transcript, (tRNA); gb:J03171 INTERFERON-ALPHA RECEPTOR PRECURSOR (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE 1 (bases 1 to 35)
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.

TITLE

JOURNAL

COMMENT

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 1130

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1130 Std Error: 0.00

Seq primer: Promega -21m13

High quality sequence stop: 1.

Location/Qualifiers

source

1. .35

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3762013"

/db_xref="taxon:9606"

/cloned="IMAGE:192224"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/notes="Organ: Liver and Spleen; Vector: p77T3D (Pharmacacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGATTATTAAGATCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified p77T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Patima Bonaldo."

Query Match

Best Local Similarity 1.1%; Score 26.4; DB 1; Length 35;

Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2342 AAAGTGTGGGATTACAGCATGACCCACC 2371

Db 1 AAAGTGTGGGATTACAGGTGTGACCCACC 30

RESULT 111

H43792

LOCUS

DEFINITION

Y080e05.r1 Soares adult brain N2b4B55Y Homo sapiens cDNA clone IMAGE:184256 5' similar to gb:M33326 NONSPECIFIC CROSS-REACTING ANTIGEN NCA-95 (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

1 (bases 1 to 34)

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 1587

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL ; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1587 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 1.

Location/Qualifiers

1. .34

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3828606"

adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi14732114.gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

	Query Match	1.1%;	Score 25.6;	DB 1;	Length 32;
	Best Local Similarity	87.5%;	Pred. No. 90;		
	Matches 28;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
QY	2264	ACTAGAGACAGGGTTTCACCGTGTTAGCCAGG	2295		
Db	32	AGTAGAGACAGGGTTTCGCCATATTGGCCAGG	1		

RESULT 115	
R39218	
LOCUS	R39218 34 bp mRNA linear EST 04-MAY-1995
DEFINITION	YC90G05.s8l Soares infant brain INTB Homo sapiens cDNA clone IMAGE:3377 3' similar to gb U87931 HUMALU255 Human carcinoma cell-derived Alu RNA transcript, (rRNA); contains MER22 repetitive element ;, mRNA sequence.
ACCESSION	R39218
VERSION	R39218.1 GI:796674
KEYWORDS	EST.
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE	1. (bases 1 to 34) Hillier,L., Clark,N., Dubucque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le.M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson.R.
AUTHORS	

TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 1149
 High quality sequence starts: 1 High quality sequence stops: 1
 Source: IMAGE Consortium, LNL This clone is available royalty-free
 through LNL; contact the IMAGE Consortium (info@image.lnl.gov)
 for further information. Trace considered overall poor quality
 Insert Length: 1149 Std Error: 0.00
 Seq primer: -21ml3
 High quality sequence stop: 1.

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FEATURES
  source
    high quality sequence scop: 1.
    Location/Qualifiers
      1..34
        /organism="Homo sapiens"
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        /db_xref="taxon:9606"
        /clone="IMAGE:23377"
        /sex="female"
        /dev_stage="73 days post natal"
        /lab_host="DH10B (ampicillin resistant)"
        /clone_lib="Soares infant brain IN18"
        /note="Organ: whole brain; Vector: Lfamid BA; Site 1: Not
1; Site 2: Hind III; 1st strand cDNA was primed with a Not
1 - oligo(dT) primer [5'
AACTGGAGAATTTCGCCCGAGGAATTTTTTTTTTTTTTTT 3'] ;
double-stranded cDNA was ligated to Hind III adaptors
(Pharmacia), digested with Not I and directionally cloned

```

into the Not I and Hind III sites of the Lafmid BA vector.
Library went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.1%; Score 25.6; DB 1; Length 34;
Best Local Similarity 82.4%; Pred. No. 93;
Matches 28; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2318 GTGATCGCCACCTCGGCTCCCAAGTGTGG 2351
LOCUS
Db 1 GTGATCTTCCCATCTCAGNCTNCCAAAGTGTGG 34

RESULT 116
R96723/c
LOCUS
DEFINITION YQ55009.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:199673 3' similar to gb|U30845|DQSR7SL1 dog signal
recognition particle 7SL RNA, 5' (rRNA); gb:Y00281 RIBOPHORIN I
PRECUSOR (HUMAN); mRNA sequence.

ACCESSION R96723
VERSION R96723.1 GI:982383
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 34)
AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaaskie, E., Waterston, R., Williamson, A., Wohlmann, P. and
Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL Unpublished (1995)

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

TEL: 314 286 1800
FAX: 314 286 1810

EMAIL: est@watson.wustl.edu

Insert Size: 1654

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LNL

This clone is available royalty-free through LNL; contact the

IMAGE Consortium (info@image.lnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1654 Std Error: 0.00

Seq primer: Promega -2im13

High quality sequence stop: 1.

Location/Qualifiers

1. .34

/organism="Homo sapiens"

/mol_type="mRNA"

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/db_xref="taxon:9606"

/clone="IMAGE:199673"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/notes="Organ: Liver and Spleen; Vector: pT73D (Pharmacia)

with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5', AACTGAGAATTAATTAAGATCTTTTCTTTTCTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT73 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

1.1%; Score 25.6; DB 1; Length 34;

Best Local Similarity 82.4%; Pred. No. 93;
Matches 28; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2192 CCGCTCAGCTCCCAATAGCTTGGCTACAG 2225

Db 34 CCGCTCAGCTTCCGAGTAGCTGGGCTACG 1

RESULT 117
AG202966/c
LOCUS
DEFINITION AG202966 34 bp DNA linear GSS 06-MAR-2004
Pan troglodytes DNA, clone: RP43-086N17.TJ, genomic survey
sequence.

ACCESSION AG202966

VERSION AG202966.1 GI:45235141

KEYWORDS GSS.

SOURCE Pan troglodytes (chimpanzee)

ORGANISM Pan troglodytes

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

REFERENCE 1

AUTHORS Park, H., Kim, Y., Han, Y., Woo, T., Park, K., Eun, C. J.,

Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.

BAC end sequences of Library RP-43

Unpublished

2 (bases 1 to 34)

TITLE Direct Submission

JOURNAL Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of

Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);

52, Oun-dong, Yuseong-gu, Daejeon 305-333, Korea

(E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/;

Tel: 82-42-866-7181, Fax: 82-42-860-4409)

Clones are derived from the chimpanzee BAC library RP-43 This BAC

end was generated during the R&D process and may have higher chance

of clone tracking errors.

PRIMERS

Sequencing: TJ

LIBRARY

Vector : pBACe3.6

R.Site 1 : EcoRI

R.Site 2 : EcoRI

Location/Qualifiers

1. .34

/organism="Pan troglodytes"

/mol_type="genomic DNA"

/db_xref="taxon:9598"

/clone="RP43-086N17.TJ"

/sex="male"

/cell_type="lymphocytes"

/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 1.1%; Score 25.6; DB 1; Length 34;

Best Local Similarity 87.5%; Pred. No. 93;

Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2341 CAAAGTGTGGGATTACAGGATGAGCCACCG 2372

Db 34 CAAAGTGTGGCATTACAGGTGTGAGCCCG 3

RESULT 118
H46868
LOCUS
DEFINITION Y019b04.r1 Soares adult brain N2b5HB55Y Homo sapiens cDNA clone
IMAGE:178351 5' similar to gb|U87890|HUMALCE124 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J05096 rnal
SODIUM/POTASSIUM-TRANSPORTING ATPASE ALPHA-1 CHAIN (HUMAN); mRNA
sequence.
ACCESSION H46868
VERSION H46868.1 GI:922920
KEYWORDS EST.


```

SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 32)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE       The WashU-Merck EST Project
JOURNAL     Unpublished (1995)
COMMENT     Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 935
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 935 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..32
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="GDB:3840547"
                /db_xref="taxon:9606"
                /clone="IMAGE:178351"
                /sex="Male"
                /dev_stage="55-year old"
                /lab_host="DH10B (ampicillin resistant)"
                /clone_lib="Soares adult brain N2b5HB55y"
                /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
                modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
                strand cDNA was primed with a Not I - oligo(dT) primer [5',
                TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
                double-stranded cDNA was size selected, ligated to Eco RI
                adapters (Pharmacia), digested with Not I and cloned into
                the Not I and Eco RI sites of a modified p7T73 vector
                (Pharmacia). Library went through one round of
                normalization to a Cot = 53. Library constructed by Bento
                Soares and M.Fatima Bonaldo. The adult brain RNA was
                provided by Dr. Donald H. Gilden. Tissue was acquired
                17-18 hours after death which occurred in consequence of a
                ruptured aortic aneurysm. RNA was prepared from a pool of
                tissues representing the following areas of the brain:
                frontal, parietal, temporal and occipital cortex from the
                left and right hemispheres, subcortical white matter,
                basal ganglia, thalamus, cerebellum, midbrain, pons and
                medulla."
            Query Match      1.1%; Score 25.4; DB 1; Length 32;
            Best Local Similarity 96.3%; Pred. No. 92;
            Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TCCTGGATTACAGGCATGACGACCG 2372
      |||||
Db 1 TCCTGGATTACAGGCATGACGACGTG 27

RESULT 119
H39150/c 30 bp mRNA linear EST 25-JUL-1995
LOCUS yns3e09.r1 Soares adult brain N2b5HB55y Homo sapiens cDNA clone
DEFINITION IMAGE:175048 5' similar to gb|M87910|HUMANLN34 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M35663

SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 32)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE       The WashU-Merck EST Project
JOURNAL     Unpublished (1995)
COMMENT     Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 935
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 935 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..32
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="GDB:3840547"
                /db_xref="taxon:9606"
                /clone="IMAGE:178351"
                /sex="Male"
                /dev_stage="55-year old"
                /lab_host="DH10B (ampicillin resistant)"
                /clone_lib="Soares adult brain N2b5HB55y"
                /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
                modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
                strand cDNA was primed with a Not I - oligo(dT) primer [5',
                TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
                double-stranded cDNA was size selected, ligated to Eco RI
                adapters (Pharmacia), digested with Not I and cloned into
                the Not I and Eco RI sites of a modified p7T73 vector
                (Pharmacia). Library went through one round of
                normalization to a Cot = 53. Library constructed by Bento
                Soares and M.Fatima Bonaldo. The adult brain RNA was
                provided by Dr. Donald H. Gilden. Tissue was acquired
                17-18 hours after death which occurred in consequence of a
                ruptured aortic aneurysm. RNA was prepared from a pool of
                tissues representing the following areas of the brain:
                frontal, parietal, temporal and occipital cortex from the
                left and right hemispheres, subcortical white matter,
                basal ganglia, thalamus, cerebellum, midbrain, pons and
                medulla."
            Query Match      1.1%; Score 25.2; DB 1; Length 30;
            Best Local Similarity 90.0%; Pred. No. 91;
            Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGCTTGTGCTCTGTACCCAGCGCTGGAGTGC 2136
      |||||
Db 30 AGTCTCTCTCTGTGTCGCCAGCGCTGGAGTGC 1

RESULT 120

```

```

INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE
(HUMAN); contains MSRI repetitive element ;, mRNA sequence.
H39150
H39150.1 GI:908649
EST.
Homo sapiens (human)
SOURCE
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 30)
AUTHORS     Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
            Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
            Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
            Trevasakis,E., Waterston,R., Williamson,A., Wohldmann,P. and
            Wilson,R.
TITLE       The WashU-Merck EST Project
JOURNAL     Unpublished (1995)
COMMENT     Contact: Wilson RK
            Washington University School of Medicine
            4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
            Tel: 314 286 1800
            Fax: 314 286 1810
            Email: est@watson.wustl.edu
            Insert Size: 780
            High quality sequence starts: 1
            High quality sequence stops: 1
            Source: IMAGE Consortium, LLNL
            This clone is available royalty-free through LLNL ; contact the
            IMAGE Consortium (info@image.llnl.gov) for further information.
            Trace considered overall poor quality
            Insert Length: 780 Std Error: 0.00
            Seq primer: M13RP1
            High quality sequence stop: 1.
FEATURES    Location/Qualifiers
            1..30
                /organism="Homo sapiens"
                /mol_type="mRNA"
                /db_xref="GDB:3837083"
                /db_xref="taxon:9606"
                /clone="IMAGE:175048"
                /sex="Male"
                /dev_stage="55-year old"
                /lab_host="DH10B (ampicillin resistant)"
                /clone_lib="Soares adult brain N2b5HB55y"
                /note="Organ: brain; Vector: p7T73D (Pharmacia) with a
                modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
                strand cDNA was primed with a Not I - oligo(dT) primer [5',
                TGTTCACCAATCTGAAGTGGAGCGCGCTTTTCTTTTCTTTT 3'],
                double-stranded cDNA was size selected, ligated to Eco RI
                adapters (Pharmacia), digested with Not I and cloned into
                the Not I and Eco RI sites of a modified p7T73 vector
                (Pharmacia). Library went through one round of
                normalization to a Cot = 53. Library constructed by Bento
                Soares and M.Fatima Bonaldo. The adult brain RNA was
                provided by Dr. Donald H. Gilden. Tissue was acquired
                17-18 hours after death which occurred in consequence of a
                ruptured aortic aneurysm. RNA was prepared from a pool of
                tissues representing the following areas of the brain:
                frontal, parietal, temporal and occipital cortex from the
                left and right hemispheres, subcortical white matter,
                basal ganglia, thalamus, cerebellum, midbrain, pons and
                medulla."
            Query Match      1.1%; Score 25.2; DB 1; Length 30;
            Best Local Similarity 90.0%; Pred. No. 91;
            Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGCTTGTGCTCTGTACCCAGCGCTGGAGTGC 2136
      |||||
Db 30 AGTCTCTCTCTGTGTCGCCAGCGCTGGAGTGC 1

RESULT 120

```


AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rilly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0537 row: 0 column: 13
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 31.
Location/Qualifiers
1. 31
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0537013"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (GII4732114|gb|AF125072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

FEATURES source
1. 31
Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0537013"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (GII4732114|gb|AF125072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 24.2; DB 1; Length 31;
Best Local Similarity 89.7%; Pred. No. 1e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2343 AAGTGCTGGGATTACAGCGATGAGCCACC 2371
|||||
Db 1 AAGTGCTGGGATTAAAGGCGTGCCACC 29
|||||

RESULT 125
R96806 R96806 30 bp mRNA linear EST 11-SEP-1995
LOCUS Y661H04.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
DEFINITION IMAGE:200311 5' similar to gb:U09087 THYMPOIETIN (HUMAN);, mRNA sequence.

ACCESSION R96806
VERSION R96806.1 GI:982466
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 30)

AUTHORS Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.

TITLE The WashU-Merck EST Project

JOURNAL Unpublished (1995)

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wustl.edu
Insert Size: 1589
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1589 Std Error: 0.00
Seq primer: M13RPI
High quality sequence stop: 1.
Location/Qualifiers
1. 30
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3769361"
/db_xref="taxon:9606"
/clone="IMAGE:200311"
/sex="male"
/dev_stages="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer 15' AACGTGAAGAATAATAAGATCTTTTTTTTTTTT 3', double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2317 CGTGATCGCCGCCCTCGGCTCCCAAGT 2346
|||||
Db 1 CGTGATCCACCGCCATGCGCTCCCAAGT 30
|||||

RESULT 126
H63106/c
LOCUS Yr48a04.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
DEFINITION IMAGE:208494 3' similar to gb|M87917|HUMALNE441 Human carcinoma cell-derived Alu RNA transcript. (rRNA); gb:M91159 !!! ALU CLASS E WARNING ENTRY !!! (HUMAN);, mRNA sequence.

ACCESSION H63106
VERSION H63106.1 GI:1017907
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 28)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevasakis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.

TITLE JOURNAL COMMENT

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 3194
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 3194 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.

FEATURES source

1..28
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3777625"
/db_xref="taxon:9606"
/clone="IMAGE:208494"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p7T73D (Pharmacina)
with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;
1st strand cDNA was primed with a Pac I - oligo(dT) primer
[5'- AACTGGAAGATTAAATTAAGATCTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacina), digested with Pac I and cloned into the Pac I
and Eco RI sites of the modified p7T73 vector. Library
went through one round of normalization. Library
constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 1.0%; Score 23.2; DB 1; Length 28;
Best Local Similarity 89.3%; Pred. No. 1e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

QY 2339 CCCAAGTCTGGGATTACAGCATGAG 2366

Db 28 CCCAAGTCTGGGATTACAGGTGAAG 1

RESULT 127

T65402

LOCUS

DEFINITION

T65402 28 bp mRNA linear EST 07-MAR-1995
YC73d01.s1 Soares infant brain IN1B Homo sapiens cDNA clone
IMAGE:21732 3' similar to gb:J87917|HUMALNE441 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J04513 HEPARIN-BINDING
GROWTH FACTOR PRECURSOR 2 (HUMAN); mRNA sequence.

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 28)

REFERENCE

AUTHORS

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlifing,T., Soares,M., Tan,F.,
Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 3006

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 3006 Std Error: 0.00

Seq primer: -21ml3

High quality sequence stop: 1.

Location/Qualifiers

1..28

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:394079"

/db_xref="taxon:9606"

/clone="IMAGE:21732"

/sex="female"

/dev_stage="73 days post natal"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares infant brain IN1B"

/note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not

I; Site 2: Hind III; 1st strand cDNA was primed with a Not

I - oligo(dT) primer [5'

AACTGGAAGATTGCGCCGAGGAATTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Hind III adaptors

(Pharmacina), digested with Not I and directionally cloned

into the Not I and Hind III sites of the Lafmid BA vector.

Library went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 89.3%; Pred. No. 1e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 25; Conservative 0;

QY 2340 CCAAGTCTGGGATTACAGCATGAGC 2367

Db 1 CTAAGTCTGGGATTACAGGTGTCAGC 28

RESULT 128

R07762

LOCUS

DEFINITION

27 bp mRNA linear EST 05-APR-1995

Yf15d04.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone

IMAGE:126919 3' similar to gb:M81181 SODIUM/POTASSIUM-TRANSPORTING

ATPASE BETA-2 (HUMAN); mRNA sequence.

R07762

VERSION

KEYWORDS

SOURCE

ORGANISM

Homo sapiens

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 27)

REFERENCE

AUTHORS

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlifing,T., Soares,M., Tan,F.,
Trevasakis,E., Waterston,R., Williamson,A., Wohlmann,P. and
Wilson,R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 964

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 964 Std Error: 0.00
Seq primer: -21m13
High quality sequence stop: 1.

FEATURES

source

Location/Qualifiers

1. .27

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:479080"

/db_xref="taxon:9606"

/clone="IMAGE:12619"

/sex="male"

/dev_stage="20 week post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)

with a modified polylinker; Site 1: Pac I; Site 2: Eco RI;

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5' AACTGGAAGAATTAATTAAGATCTTTTTTTTTTTTTTTT 3']

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT7T3 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 1.0%; Score 22.8; DB 1; Length 27;

Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2342 AAAGTGTGGGATTACAGGCATGAGCC 2368

Db 1 AAAGTGTGGGATTACAGGCATGAGCC 27

RESULT 129

T63744/c

LOCUS

DEFINITION

Yc23G02.r1 Stratagene lung (#937210) Homo sapiens cDNA clone

IMAGE:81554 5' similar to gb|M87942|HUMALU83 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); gb:X61499 NUCLEAR FACTOR

NF-KAPPA-B P49 SUBUNIT (HUMAN); mRNA sequence.

T63744

T63744.1 GI:667609

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 29)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,

Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,

Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,

Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,

Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,

Trevasakis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,

and Marta, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8889549

Contact: Wilton RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@wustl.edu

Insert Size: 544

High quality sequence starts: 1 High quality sequence stops: 1

Source: IMAGE Consortium, LLNL This clone is available royalty-free

through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality

Insert Length: 544 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 1.

FEATURES

source

Location/Qualifiers

1. .29

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:485171"

/db_xref="taxon:9606"

/clone="IMAGE:81554"

/sex="male"

/dev_stage="72 years"

/lab_host="SOLR cells (kanamycin resistant)"

/clone_lib="Stratagene lung (#937210)"

/note="Organ: lung; Vector: pBluescript SK-; Site 1:

EcoRI; Site 2: XhoI; Cloned unidirectionally. Primer:

Oligo dT: normal lung. Average insert size: 1.0 kb;

Uni-XAP XR Vector; ~5' adaptor sequence: 5' GAATTCGGCAGCAG

3' ~3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3"

Query Match

Best Local Similarity 1.0%; Score 22.6; DB 1; Length 29;

Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2087 TATTATTTTTTGAGACGAGTCTTGCT 2115

Db 29 TTTTITTTTTTGAGACGAGTCTCGCT 1

RESULT 130

H93534

LOCUS

DEFINITION

Yv08g12.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone

IMAGE:242182 5' similar to gb|M87933|HUMALU364 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); mRNA sequence.

H93534

H93534.1 GI:1099862

EST.

SOURCE

Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 25)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilton RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: M13RP1

High quality sequence stop: 1.

Location/Qualifiers

1. .25

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3791315"

/db_xref="taxon:9606"

/clone="IMAGE:242182"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)

QV 2342 AAAGTCTGGATTACAGGCATGAGCCA 2369

Db
28 AAAGTTCTGGGATTACNGGTGTGAGCCA 1

RESULT	132				
AG197173/c					
LOCUS	AG197173	26 bp	DNA	linear	GSS 06-MAR-2004
DEFINITION	Pan troglodytes DNA, clone: RP43-077C19.T7, genomic survey				

ACCESSION	AG191713
VERSION	AG191713.1
KEYWORDS	GI:45229349
SOURCE	GSS.
ORGANISM	Pan troglodytes (chimpanzee)
	Pan troglodytes
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.

AGNODUS	GSS.
SOURCE	Pan troglodytes (chimpanzee)
ORGANISM	Pan troglodytes
	Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
	Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Pan.
REFERENCE	1
AUTHORS	Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. RAC and sequences. Of Library BP-43
TITLE	

RECEIVED
JOURNAL
2 (bases 1 to 26)
PARK, H., KIM, Y., KIM, S., HAN, Y., WOO, T., PARK, K., EUN, C. J.,
AUTHORS
REFERENCE
UNPUBLISHED

TITLE
JOURNAL
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
E-mail: redgate@kriib.kr; jmi-htrn.jshg@kriib.kr; b-/

(E-mail: redstone@mail.kriibb.re.kr,
URL: <http://phs.grc.kriibb.re.kr/>,
Tel: 82-42-866-7181. Fax: 82-42-860-4409)

COMMENT: clones are derived from the chimpanzee BAC library KP-43. This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.

```

FEATURES
source
1..26
Location/Qualifiers
R Site 1 : ECORI.
R Site 2 : ECORI.
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-077C19.T7"
/sex="male"
/cell_type="lymphocytes"

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```

/cell_type="T lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match      0.9%; Score 21.8; DB 1; Length 26;
Best Local Similarity 92.0%; Pred. NO. 1.le+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY    2337 CTCCCAAAGTCGTGGGATTACAGGC 2361
       |||||
Db     26 CTCCCATAGTCGTGGGATCACAGGC 2
       |||||

RESULT 133
T97219/c
LOCUS
DEFINITION
ye4le09.s1 Soares fetal liver spleen INFLU Homo sapiens cdna clone
IMAGE:120328 3' similar to gb|l31712 HUMSCALUK Human scRNA
molecule, transcribed from Alu (rRNA); gb:U01120
GLUCOSE-6-PHOSPHATASE (HUMAN); mRNA sequence.
```

LOCUS	DEFINITION	797219	27 bp	mRNA	linear	EST 27-MAR-1995
		ye41e09.s1 Soares fetal liver spleen INFUS Homo sapiens cDNA clone IMAGE:120328 3' similar to gb 13712 HUMSCALUK human scRNA molecule, transcribed from Alu (rRNA); gb:U01120 GLUCOSE-6-PHOSPHATASE (HUMAN); mRNA sequence.				

T97219 1 GI:735843
 EST.
 SOURCE Homo sapiens (human)
 ORGANISM
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 27)
 Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaekis, E., Waterston, R., Williamson, A., Wohldmann, P. and Wilson, R.
 The WashU-Merck EST Project
 Unpublished (1995)
 CONTACT: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 High quality sequence starts: 1
 High quality sequence stops: 1
 Source: IMAGE Consortium, LNLML
 This clone is available royalty-free through LNLML; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Seq primer: -21ml3
 High quality sequence stop: 1.
 Location/Qualifiers
 1..27
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="GDB:472873"
 /db_xref="taxon:9606"
 /clone="IMAGE:I20328"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /clone_lib="Soares fetal liver spleen INFLS"
 /note="Organ: Liver and Spleen; Vector: p773D (Pharmacia) with a modified polylinker; Site 1: Pac I; Site 2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3', double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified p773 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."
 Query Match 0.9%; Score 21.8; DB 1; Length 27;
 Best Local Similarity 88.5%; Pred. No. 1.2e+02;
 Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2290 GCCAGGATGCTCGATCTCGATCTCGACC 2315
 |||||
 DB 26 GCCAGGCTGCTCGAATCTCGACC 1
 |||||
 RESULT 134
 AZ310123
 LOCUS
 DEFINITION 1M0018K23R Mouse 10kb plasmid UUGCLM library Mus musculus genomic clone UUGCLM0018K23 R, genomic survey sequence.
 AZ310123
 ACCESSION
 VERSION AZ310123.1 GI:10351797
 KEYWORDS
 SOURCE GSS.
 ORGANISM Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn, D., Aoyagi, A., Barbet, M., Beacorn, T., Duval, B., Hamil, C., Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLCT, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0018 row: K column: 23
 Seq primer: CACACAGGAACACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
 1..26
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGCLM0018K23"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, Ti-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCLM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [GI:4732114|GB|AP129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
 Query Match 0.9%; Score 21.2; DB 1; Length 26;
 Best Local Similarity 88.5%; Pred. No. 1.2e+02;
 Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2342 AAAGTGTGGATTACAGCATGACG 2367
 |||||
 DB 1 AAAGTGTGGATTACCTGCTGACG 26
 |||||
 RESULT 135
 AG189863
 LOCUS
 DEFINITION Pan troglodytes DNA, clone: RP43-064M10.T7, genomic survey sequence.
 AG189863
 ACCESSION
 VERSION AG189863.1 GI:45222039
 KEYWORDS
 SOURCE GSS.
 ORGANISM Pan troglodytes (chimpanzee)
 Pan troglodytes
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
 1
 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C. J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.

/note="Vector: PCR4-TOPO; Site 1: ECORI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 0.9%; Score 20.8; DB 1; Length 27;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2045 TTTTCTTTTCTTAATATATATATA 2068

Db 4 TTTTCTTTTCTTAATATATATATA 27

RESULT 138

N77071/c

LOCUS 25 bp mRNA linear EST 28-JAN-1997
DEFINITION YV51a03.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:246220 5' similar to gb|J01853|DQGRPRNA dog signal
recognition particle (rRNA), mRNA sequence.

ACCESSION N77071 GI:1239649

VERSION EST.

KEYWORDS Homo sapiens (human)

SOURCE Homo sapiens

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 25)

AUTHORS Hallier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,

Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W.,

Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N.,

Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L.,

Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J.,

Trevasakis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R.,

and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8989549

COMMENT Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel.: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

This clone is available royalty-free through LML; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1416 Std Error: 0.00

Seq primer: reverse ET

High quality sequence stop: 1.

Location/Qualifiers

1. .25

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3795466"

/db_xref="taxon:9606"

/clone="IMAGE:246220"

/sex="male"

/dev_stage="20 week-post conception fetus"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares fetal liver spleen INFLS"

/note="Organ: Liver and Spleen; Vector: p773D (Pharmacia)

1st strand cDNA was primed with a Pac I - oligo(dT) primer

[5', AACTGGAAGAATTAATAAGATCTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified p773 vector. Library

went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 95.5%; Pred. No. 1.3e+02;

Matches 25; Conservative 0; Mismatches 2; Indels 25; Gaps 0;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTCAGTGGT 2143

Db 24 CCCAGCTGGAGTCAGTGGCT 3

RESULT 139

R15830/c

LOCUS

DEFINITION

26 bp mRNA linear EST 13-APR-1995

Ya46f05.r1 Soares infant brain IN1B Homo sapiens cDNA clone

IMAGE:53108 5' similar to gb|M87929|HUMALU146 Human carcinoma

cell-derived Alu RNA transcript, (rRNA); 9b:M29874 CYTOCHROME P450

I1B6 (HUMAN); mRNA sequence.

ACCESSION R15830

VERSION R15830.1 GI:768245

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 26)

AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Euthera; Primates; Catarrhini; Homidae; Homo.

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevasakis, E., Waterston, R., Williamson, A., Wohlmann, P. and

Wilson, R.

The WashU-Merck EST Project

Unpublished (1995)

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

High quality sequence starts: 1

High quality sequence stops: 1

Source: IMAGE Consortium, LLNL

This clone is available royalty-free through LML; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Seq primer: M13RP1

High quality sequence stop: 1.

Location/Qualifiers

1. .26

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:426044"

/db_xref="taxon:9606"

/clone="IMAGE:53108"

/sex="female"

/dev_stage="73 days post natal"

/lab_host="DH10B (ampicillin resistant)"

/clone_lib="Soares infant brain IN1B"

/note="Organ: whole brain; Vector: Lafmid BA; Site 1: Not

I; Site 2: Hind III; 1st strand cDNA was primed with a Not

I - oligo(dT) primer [5'

AACTGGAAGAATTCGCGCGCAGGAATTTTTTTTTTTTTTTT 3'];

double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned

into the Not I and Hind III sites of the Lafmid BA vector.

Library went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo."

Query Match

Best Local Similarity 100.0%; Pred. No. 1.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTCAGTGG 2141

Db 26 CCCAGCTGGAGTCAGTGG 7

COMMENT (E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
 Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.

PRIMERS
 Sequencing: T7

LIBRARY
 Vector : pBACe3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI

FEATURES
 source
 1..26
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-077N04.T7"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 0.8%; Score 19.6; DB 1; Length 26;
 Best Local Similarity 84.6%; Pred. No. 1.4e+02;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2140 GGGTGATCTGGCTCACTGCAAGCTC 2165
 |||||
 Db 1 GCGCGATCTCGGCTCACTGCAAGCTC 26

RESULT 143
 AG201709/c
 LOCUS
 DEFINITION Pan troglodytes DNA, clone: RP43-084G18.T7, genomic survey
 sequence.

ACCESSION AG201709
 AG201709.1 GI:45233884
 VERSION
 KEYWORDS
 SOURCE GSS.

ORGANISM
 Pan troglodytes (chimpanzee)

REFERENCE
 1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.
 BAC end sequences of Library RP-43

TITLE
 JOURNAL
 REFERENCE
 2 (bases 1 to 24)
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-084G18.T7"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

COMMENT
 Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.

PRIMERS
 Sequencing: T7

LIBRARY
 Vector : pBACe3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI

FEATURES
 source
 1..24
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-084G18.T7"
 /sex="male"
 /cell_type="lymphocytes"

/clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 0.8%; Score 19.2; DB 1; Length 24;
 Best Local Similarity 87.5%; Pred. No. 1.4e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGG 2275
 |||||
 Db 24 TTTTGTATTTTTCAGACAGCGG 1

RESULT 144
 AG202109/c

LOCUS
 DEFINITION Pan troglodytes DNA, clone: RP43-085B11.TJ, genomic survey
 sequence.

ACCESSION AG202109
 AG202109.1 GI:45234284
 VERSION
 KEYWORDS
 SOURCE GSS.

ORGANISM
 Pan troglodytes (chimpanzee)

REFERENCE
 1 Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.
 BAC end sequences of Library RP-43

TITLE
 JOURNAL
 REFERENCE
 2 (bases 1 to 24)
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-085B11.TJ"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

COMMENT
 Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.

PRIMERS
 Sequencing: T7

LIBRARY
 Vector : pBACe3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI

FEATURES
 source
 1..24
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-085B11.TJ"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 0.8%; Score 19.2; DB 1; Length 24;
 Best Local Similarity 87.5%; Pred. No. 1.4e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2285 TGTAGCCAGGATGGTCTCGATCT 2308
 |||||
 Db 24 TGTAGCCAGGATGGCTTGATTT 1

RESULT 145
 AG200804

LOCUS
 DEFINITION Pan troglodytes DNA, clone: RP43-082P18.T7, genomic survey
 sequence.

ACCESSION AG200804
 AG200804.1 GI:45232979
 VERSION
 KEYWORDS
 SOURCE GSS.

```

SOURCE      Pan troglodytes (chimpanzee)
ORGANISM    Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
REFERENCE
AUTHORS     Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
TITLE       BAC end sequences of Library RP-43
JOURNAL     Unpublished
REFERENCE
AUTHORS     Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
TITLE       Direct Submission
JOURNAL     Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
Tel: 82-42-866-7181, Fax: 82-42-860-4409)
COMMENT     Clones are derived from the chimpanzee BAC library RP-43. This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
PRIMERS
Sequencing: T7
LIBRARY
Vector      : pBACe3.6
R.Site 1    : EcoRI
R.Site 2    : EcoRI.
FEATURES
Source      Location/Qualifiers
1..20
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-082P18.T7"
/sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
Query Match      0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2232 GCCACCACCTGGCTAAT 2250
|||||
Db 1 GCCACCACCTGGCTAAT 19
|||||

RESULT 146
BQ591193
LOCUS      E012715-024-017-D14-T7 MP12-ADIS-024-storage root Beta vulgaris
DEFINITION cDNA clone 024-017-D14 3-PRIME, mRNA sequence.
ACCESSION  BQ591193
VERSION     BQ591193.1 GI:26120776
KEYWORDS   EST.
SOURCE     Beta vulgaris
ORGANISM   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE
AUTHORS     Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radclouf, U.
TITLE       Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL     Plant J. 32 (5), 845-857 (2002)
MEDLINE     22362189
PUBMED      12472698
COMMENT     Contact: Weishaar B
ADIS DNA core facility at MP12
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851

Email: weissaha@mpiz-koeln.mpg.de
Insert Length: 22 Std Error: 0.00
Plate: 17 row: D column: 14
Seq Primer: T7; GTAATACACTACTATAGGCG.
FEATURES
Source      Location/Qualifiers
1..22
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:188927"
/db_xref="taxon:161934"
/clone="024-017-D14"
/tissue_type="storage root"
/lab_host="EMDH108"
/clone_lib="MP12-ADIS-024-storage root"
/notes="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGCTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"
Query Match      0.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2045 TTTTTCCTTAATATGT 2065
|||||
Db 2 TTTTTCCTTAATATGT 22
|||||

RESULT 147
AW249539
LOCUS      2821427.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821427 3',
DEFINITION mRNA sequence.
ACCESSION  AW249539
VERSION     AW249539.1 GI:6592532
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS     NIH-MGC http://mgc.nci.nih.gov/.
TITLE       National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL     Unpublished (1999)
COMMENT     Other_ESTs: 2821427.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs@mail.nih.gov
Tissue Procurement: DCTD/DP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 20 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this cDNA insert was polyadenylated.
Plate: LLM6 row: M column: 12
High quality sequence stop: 9.

```


GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 26, 2005, 12:40:49 ; Search time 50 Seconds
(without alignments)
3.697 Million cell updates/sec

Title: US09566724B-2
Perfect score: 2372
Sequence: 1 GCACCGCGGAGTTCGGTG.....ATTACAGGATGAGCCACCG 2372

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 1658 seqs, 38970 residues

Total number of hits satisfying chosen parameters: 3316

Minimum DB seq length: 8
Maximum DB seq length: 100

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1669 summaries

Database : rnpb.db:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	88.8	3.7	100	1	US-09-764-891-5710
2	85.2	3.6	98	1	US-09-764-891-10070
3	85.2	3.6	98	1	US-09-764-891-10073
4	82.6	3.5	100	1	US-09-764-860-720
5	82.6	3.5	100	1	US-10-074-095-720
6	82.6	3.5	100	1	US-10-212-872-720
C 7	80.6	3.4	92	1	US-09-761-288-33
8	80.6	3.4	92	1	US-09-898-586-33
9	80.6	3.4	94	1	US-09-761-288-41
10	80.6	3.4	94	1	US-09-761-288-48
C 11	80.6	3.4	94	1	US-09-898-586-41
12	80.6	3.4	94	1	US-09-898-586-48
13	79	3.3	94	1	US-09-761-288-52
14	79	3.3	94	1	US-09-898-586-52
C 15	78.4	3.3	88	1	US-09-984-429-613
16	75.8	3.2	87	1	US-09-764-877-3775
C 17	75.8	3.2	87	1	US-10-242-515-3775
C 18	74.2	3.1	92	1	US-09-761-288-37
C 19	74.2	3.1	92	1	US-09-898-586-37
20	73	3.1	73	1	US-09-541-848-49
21	72.6	3.1	87	1	US-09-764-860-962
22	72.6	3.1	87	1	US-10-074-095-962
23	72.6	3.1	87	1	US-10-212-872-962
24	71	3.0	87	1	US-09-764-860-766
25	71	3.0	87	1	US-10-074-095-766
26	71	3.0	87	1	US-10-212-872-766
27	71	3.0	87	1	US-10-242-355-974
28	71	3.0	87	1	US-10-242-355-974
29	71	3.0	87	1	US-10-242-355-975
30	70.8	3.0	84	1	US-09-920-300A-1278
31	70.8	3.0	84	1	US-10-033-528-1278
32	70.8	3.0	84	1	US-10-099-926-1278
33	69.4	2.9	87	1	US-09-764-887-607

34	69.4	2.9	87	1	US-09-764-887-608	Sequence 608, App
35	69.4	2.9	87	1	US-09-764-887-610	Sequence 610, App
C 36	69.4	2.9	87	1	US-09-764-869-1866	Sequence 1866, App
C 37	69.4	2.9	87	1	US-09-764-877-2829	Sequence 2829, App
C 38	69.4	2.9	87	1	US-09-764-877-2831	Sequence 2831, App
C 39	69.4	2.9	87	1	US-09-764-877-2832	Sequence 2832, App
40	69.4	2.9	87	1	US-09-764-891-5536	Sequence 5536, App
C 41	69.4	2.9	87	1	US-09-764-891-5537	Sequence 5537, App
42	69.4	2.9	87	1	US-09-764-891-10026	Sequence 10026, App
43	69.4	2.9	87	1	US-10-091-504-1866	Sequence 1866, App
44	69.4	2.9	87	1	US-10-073-961-607	Sequence 607, App
45	69.4	2.9	87	1	US-10-073-961-608	Sequence 608, App
46	69.4	2.9	87	1	US-10-073-961-610	Sequence 610, App
47	69.4	2.9	87	1	US-10-227-577-1866	Sequence 1866, App
C 48	69.4	2.9	87	1	US-10-242-515-2829	Sequence 2829, App
C 49	69.4	2.9	87	1	US-10-242-515-2831	Sequence 2831, App
C 50	69.4	2.9	87	1	US-10-242-515-2832	Sequence 2832, App
51	68	2.9	68	1	US-10-758-307-74	Sequence 74, Appl
C 52	64.4	2.7	80	1	US-10-457-839-27	Sequence 27, Appl
53	60	2.5	60	1	US-09-908-975-12590	Sequence 12590, A
54	56.2	2.4	69	1	US-09-815-343-348	Sequence 348, App
55	56.2	2.4	69	1	US-10-097-105-348	Sequence 348, App
C 56	52	2.2	60	1	US-10-457-839-26	Sequence 26, Appl
57	51.6	2.2	66	1	US-09-764-887-575	Sequence 575, App
58	51.6	2.2	66	1	US-10-073-961-575	Sequence 575, App
59	50	2.1	50	1	US-10-131-827-4749	Sequence 4749, App
C 60	46.8	2.0	59	1	US-09-920-300A-1171	Sequence 1171, App
C 61	46.8	2.0	59	1	US-10-033-528-1171	Sequence 1171, App
C 62	46.8	2.0	59	1	US-10-099-926-1171	Sequence 1171, App
63	46.6	2.0	47	1	US-10-349-143-3882	Sequence 3882, App
64	46.6	2.0	47	1	US-10-333-429-535	Sequence 535, App
65	46.2	1.9	51	1	US-10-813-638-152	Sequence 152, App
C 66	44.2	1.9	49	1	US-10-457-839-25	Sequence 25, Appl
67	44.2	1.9	51	1	US-09-922-225A-62	Sequence 62, Appl
C 68	42.6	1.8	47	1	US-10-170-097-659	Sequence 659, App
C 69	42.6	1.8	49	1	US-09-860-670-233	Sequence 233, App
C 70	42.6	1.8	49	1	US-10-227-646-233	Sequence 233, App
71	42.6	1.8	51	1	US-09-922-225A-52	Sequence 52, Appl
C 72	42.4	1.8	47	1	US-10-349-143-646	Sequence 646, App
C 73	41.4	1.7	51	1	US-10-813-638-67	Sequence 67, Appl
C 74	40.6	1.7	41	1	US-10-035-833A-743	Sequence 743, App
C 75	40.6	1.7	41	1	US-10-035-833A-6334	Sequence 6334, App
C 76	40.4	1.7	51	1	US-10-393-815-32	Sequence 32, Appl
C 77	40	1.7	51	1	US-09-922-225A-20	Sequence 20, Appl
C 78	39.8	1.7	51	1	US-10-813-638-103	Sequence 103, App
C 79	39.2	1.7	44	1	US-10-457-839-24	Sequence 24, Appl
80	39	1.6	49	1	US-10-457-839-15	Sequence 15, Appl
C 81	37.8	1.6	42	1	US-10-457-839-3	Sequence 3, Appl
C 82	37.4	1.6	41	1	US-10-035-833A-382	Sequence 382, App
C 83	37.4	1.6	41	1	US-10-035-833A-742	Sequence 742, App
84	37.4	1.6	41	1	US-10-035-833A-944	Sequence 944, App
C 85	37.4	1.6	41	1	US-10-035-833A-6333	Sequence 6333, App
C 86	37.4	1.6	41	1	US-10-035-833A-6413	Sequence 6413, App
87	37.4	1.6	41	1	US-10-035-833A-6954	Sequence 6954, App
C 88	37	1.6	42	1	US-10-349-143-2999	Sequence 2999, App
89	36.2	1.5	47	1	US-10-457-839-1	Sequence 1, Appl
C 90	35.4	1.5	45	1	US-09-764-887-517	Sequence 517, App
C 91	35.4	1.5	45	1	US-09-764-891-5621	Sequence 5621, App
C 92	35.4	1.5	45	1	US-10-073-961-517	Sequence 517, App
93	34.8	1.5	41	1	US-10-035-833A-2976	Sequence 2976, App
94	34.8	1.5	41	1	US-10-035-833A-5139	Sequence 5139, App
C 95	34.6	1.5	41	1	US-10-453-827-56	Sequence 56, Appl
C 96	34.2	1.4	39	1	US-10-198-069-47	Sequence 47, Appl
C 97	34.2	1.4	41	1	US-10-035-833A-383	Sequence 383, App
C 98	34.2	1.4	41	1	US-10-035-833A-6414	Sequence 6414, App
99	34	1.4	42	1	US-10-198-069-33	Sequence 33, Appl
C 100	33.6	1.4	41	1	US-10-035-833A-2577	Sequence 2577, App
C 101	33	1.4	41	1	US-10-453-827-203	Sequence 203, App
C 102	32.6	1.4	41	1	US-10-035-833A-901	Sequence 901, App
C 103	32.6	1.4	41	1	US-10-035-833A-6909	Sequence 6909, App
C 104	32	1.3	41	1	US-10-277-216-276	Sequence 276, App
C 105	32	1.3	41	1	US-10-126-022-276	Sequence 276, App
C 106	31.6	1.3	41	1	US-10-035-833A-358	Sequence 358, App

c 107	31.6	1.3	41	1	US-10-035-833A-6509	Sequence 5509, Ap	180	22.8	1.0	29	1	US-10-336-638-697	Sequence 697, App
c 108	31	1.3	40	1	US-10-035-833A-5315	Sequence 5315, Ap	181	22.6	1.0	30	1	US-10-085-906-155	Sequence 155, App
c 109	31	1.3	41	1	US-10-035-833A-33	Sequence 33, Appl	182	22.4	0.9	24	1	US-10-745-377-59	Sequence 59, Appl
c 110	31	1.3	41	1	US-10-035-833A-3909	Sequence 3909, Ap	183	22.4	0.9	24	1	US-10-872-113-59	Sequence 59, Appl
c 111	31	1.3	41	1	US-10-035-833A-6186	Sequence 6186, Ap	184	22.4	0.9	25	1	US-10-394-485-10	Sequence 10, Appl
c 112	31	1.3	41	1	US-10-035-833A-7054	Sequence 7054, Ap	185	22.2	0.9	29	1	US-10-336-638-183	Sequence 183, App
c 113	30.8	1.3	36	1	US-10-353-033-11	Sequence 11, Appl	186	22.2	0.9	29	1	US-10-336-638-209	Sequence 209, App
c 114	28.8	1.3	32	1	US-10-198-069-36	Sequence 36, Appl	187	22.2	0.9	29	1	US-10-336-638-210	Sequence 210, App
c 115	28.8	1.2	32	1	US-09-764-887-551	Sequence 551, App	188	22.2	0.9	29	1	US-10-336-638-686	Sequence 686, App
c 116	28.8	1.2	30	1	US-10-073-961-551	Sequence 551, App	189	22.2	0.9	29	1	US-10-336-638-696	Sequence 696, App
c 117	28.4	1.2	30	1	US-10-415-247-14	Sequence 14, Appl	190	22.2	0.9	29	1	US-10-336-638-700	Sequence 700, App
c 118	28.4	1.2	30	1	US-10-415-247-15	Sequence 15, Appl	191	22.2	0.9	29	1	US-10-336-638-863	Sequence 863, App
c 119	28.4	1.2	32	1	US-10-091-281-140	Sequence 140, App	192	22	0.9	22	1	US-09-242-772-2	Sequence 2, Appl
c 120	28.4	1.2	32	1	US-10-091-281-359	Sequence 359, App	193	22	0.9	22	1	US-09-884-898-3	Sequence 3, Appl
c 121	28	1.2	28	1	US-09-225-201-27	Sequence 27, Appl	194	22	0.9	22	1	US-10-340-101-3	Sequence 3, Appl
c 122	28	1.2	28	1	US-09-225-201-28	Sequence 28, Appl	195	22	0.9	22	1	US-10-446-241-3	Sequence 3, Appl
c 123	27.8	1.2	33	1	US-09-764-891-9495	Sequence 9495, Ap	196	22	0.9	22	1	US-10-452-510-275	Sequence 275, App
c 124	27.8	1.2	33	1	US-10-091-414-338	Sequence 338, App	197	22	0.9	22	1	US-10-617-334-275	Sequence 275, App
c 125	27	1.1	29	1	US-10-336-638-196	Sequence 196, App	198	22	0.9	22	1	US-10-744-465-275	Sequence 275, App
c 126	27	1.1	29	1	US-10-336-638-513	Sequence 513, App	199	22	0.9	22	1	US-10-833-679-275	Sequence 275, App
c 127	27	1.1	29	1	US-10-336-638-571	Sequence 571, App	200	22	0.9	22	1	US-10-746-547-81	Sequence 81, Appl
c 128	26.8	1.1	32	1	US-10-091-281-317	Sequence 317, App	201	22	0.9	23	1	US-10-010-802-391	Sequence 391, App
c 129	26	1.1	26	1	US-09-752-983-270	Sequence 270, App	202	22	0.9	24	1	US-10-293-048-12	Sequence 12, Appl
c 130	26	1.1	26	1	US-10-006-922-19	Sequence 19, Appl	203	22	0.9	29	1	US-10-336-638-181	Sequence 181, App
c 131	26	1.1	26	1	US-10-005-344-270	Sequence 270, App	204	22	0.9	29	1	US-10-336-638-509	Sequence 509, App
c 132	26	1.1	29	1	US-10-336-638-503	Sequence 503, App	205	21.4	0.9	23	1	US-10-051-874-260	Sequence 260, App
c 133	25.4	1.1	29	1	US-10-336-638-156	Sequence 156, App	206	21.4	0.9	23	1	US-10-374-077-30	Sequence 30, Appl
c 134	25.4	1.1	29	1	US-10-336-638-195	Sequence 195, App	207	21.4	0.9	24	1	US-10-282-174-419	Sequence 419, App
c 135	25.4	1.1	29	1	US-10-336-638-512	Sequence 512, App	208	21.4	0.9	25	1	US-09-888-056A-15	Sequence 15, Appl
c 136	25.4	1.1	29	1	US-10-336-638-705	Sequence 705, App	209	21	0.9	21	1	US-09-752-983-269	Sequence 269, App
c 137	25.4	1.1	32	1	US-09-214-371-69	Sequence 69, Appl	210	21	0.9	21	1	US-09-740-668A-53	Sequence 53, Appl
c 138	25.2	1.1	30	1	US-10-085-906-125	Sequence 125, App	211	21	0.9	21	1	US-09-541-848-22	Sequence 22, Appl
c 139	25.2	1.1	30	1	US-10-085-906-145	Sequence 145, App	212	21	0.9	21	1	US-09-541-848-44	Sequence 44, Appl
c 140	25.2	1.1	30	1	US-10-085-906-239	Sequence 239, App	213	21	0.9	21	1	US-10-006-922-20	Sequence 20, Appl
c 141	25	1.1	25	1	US-09-752-983-271	Sequence 271, App	214	21	0.9	21	1	US-10-005-344-269	Sequence 269, App
c 142	25	1.1	25	1	US-09-837-149-4	Sequence 4, Appl	215	21	0.9	21	1	US-10-786-720-13156	Sequence 13156, A
c 143	25	1.1	25	1	US-10-005-344-271	Sequence 271, App	216	21	0.9	21	1	US-10-786-720-13159	Sequence 13159, A
c 144	25	1.1	29	1	US-10-336-638-703	Sequence 703, App	217	21	0.9	21	1	US-10-786-720-13225	Sequence 13225, A
c 145	24.8	1.0	30	1	US-10-085-906-236	Sequence 236, App	218	21	0.9	21	1	US-10-786-720-13228	Sequence 13228, A
c 146	24.4	1.0	29	1	US-10-336-638-193	Sequence 193, App	219	21	0.9	21	1	US-10-786-720-13231	Sequence 13231, A
c 147	24.4	1.0	29	1	US-10-336-638-698	Sequence 698, App	220	21	0.9	21	1	US-10-786-720-13234	Sequence 13234, A
c 148	24.4	1.0	29	1	US-10-336-638-704	Sequence 704, App	221	21	0.9	21	1	US-10-786-720-13243	Sequence 13243, A
c 149	24.2	1.0	29	1	US-09-044-602-1	Sequence 1, Appl	222	21	0.9	22	1	US-10-745-377-199	Sequence 199, App
c 150	24.2	1.0	29	1	US-10-424-630-1	Sequence 1, Appl	223	21	0.9	22	1	US-10-872-113-199	Sequence 199, App
c 151	24.2	1.0	30	1	US-10-085-906-14	Sequence 14, Appl	224	20.8	0.9	24	1	US-09-861-925-55	Sequence 55, Appl
c 152	24	1.0	27	1	US-10-746-547-75	Sequence 75, Appl	225	20.8	0.9	24	1	US-10-233-032A-55	Sequence 55, Appl
c 153	24	1.0	27	1	US-08-214-371-71	Sequence 71, Appl	226	20.8	0.9	24	1	US-10-269-021B-3	Sequence 3, Appl
c 154	24	1.0	29	1	US-10-336-638-706	Sequence 706, App	227	20.8	0.9	24	1	US-10-745-377-14	Sequence 14, Appl
c 155	23.8	1.0	29	1	US-10-336-638-79	Sequence 79, Appl	228	20.8	0.9	24	1	US-10-745-377-62	Sequence 62, Appl
c 156	23.8	1.0	29	1	US-10-336-638-158	Sequence 158, App	229	20.8	0.9	24	1	US-10-872-113-14	Sequence 14, Appl
c 157	23.8	1.0	29	1	US-10-336-638-185	Sequence 185, App	230	20.8	0.9	24	1	US-10-872-113-62	Sequence 62, Appl
c 158	23.8	1.0	29	1	US-10-336-638-514	Sequence 514, App	231	20.8	0.9	27	1	US-10-440-066-18	Sequence 18, Appl
c 159	23.8	1.0	29	1	US-10-336-638-589	Sequence 589, App	232	20.6	0.9	27	1	US-10-198-069-35	Sequence 35, Appl
c 160	23.8	1.0	29	1	US-10-336-638-685	Sequence 685, App	233	20.4	0.9	22	1	US-09-918-686-90	Sequence 90, Appl
c 161	23.8	1.0	30	1	US-10-085-906-61	Sequence 61, Appl	234	20.4	0.9	22	1	US-09-318-686-94	Sequence 94, Appl
c 162	23.6	1.0	30	1	US-10-085-906-65	Sequence 65, Appl	235	20.4	0.9	22	1	US-10-002-623-755	Sequence 755, App
c 163	23.6	1.0	30	1	US-10-085-906-77	Sequence 77, Appl	236	20.4	0.9	22	1	US-10-002-623-758	Sequence 758, App
c 164	23.6	1.0	30	1	US-10-085-906-95	Sequence 95, Appl	237	20.4	0.9	22	1	US-10-002-623-761	Sequence 761, App
c 165	23.6	1.0	30	1	US-10-085-906-188	Sequence 188, App	238	20.4	0.9	22	1	US-10-353-150-90	Sequence 90, Appl
c 166	23.4	1.0	25	1	US-09-932-665-179	Sequence 179, App	239	20.4	0.9	22	1	US-10-353-150-94	Sequence 94, Appl
c 167	23.4	1.0	25	1	US-10-085-906-524	Sequence 524, App	240	20.4	0.9	22	1	US-10-452-510-274	Sequence 274, App
c 168	23.4	1.0	25	1	US-10-072-012-521	Sequence 521, App	241	20.4	0.9	22	1	US-10-617-334-274	Sequence 274, App
c 169	23.4	1.0	26	1	US-10-085-906-400	Sequence 400, App	242	20.4	0.9	22	1	US-10-744-465-274	Sequence 274, App
c 170	23.2	1.0	29	1	US-10-483-958-78	Sequence 78, Appl	243	20.4	0.9	22	1	US-10-833-679-274	Sequence 274, App
c 171	23	1.0	23	1	US-09-884-898-4	Sequence 4, Appl	244	20.2	0.9	26	1	US-10-457-839-30	Sequence 30, Appl
c 172	23	1.0	23	1	US-10-340-101-4	Sequence 4, Appl	245	20	0.8	20	1	US-09-752-983-3	Sequence 3, Appl
c 173	23	1.0	23	1	US-10-446-241-4	Sequence 4, Appl	246	20	0.8	20	1	US-09-752-983-4	Sequence 4, Appl
c 174	23	1.0	23	1	US-10-758-307-331	Sequence 331, App	247	20	0.8	20	1	US-09-752-983-5	Sequence 5, Appl
c 175	23	1.0	23	1	US-10-758-307-332	Sequence 332, App	248	20	0.8	20	1	US-09-752-983-6	Sequence 6, Appl
c 176	23	1.0	24	1	US-10-269-021B-10	Sequence 10, Appl	249	20	0.8	20	1	US-09-752-983-7	Sequence 7, Appl
c 177	23	1.0	26	1	US-10-793-389-11	Sequence 11, Appl	250	20	0.8	20	1	US-09-752-983-8	Sequence 8, Appl
c 178	22.8	1.0	26	1	US-10-172-741-10	Sequence 10, Appl	251	20	0.8	20	1	US-09-752-983-9	Sequence 9, Appl
c 179	22.8	1.0	29	1	US-10-336-638-511	Sequence 511, App	252	20	0.8	20	1	US-09-752-983-10	Sequence 10, Appl

c983	18.4	0.8	20	1	US-10-273-228-53	Sequence 53, Appl	c1056	17.8	0.8	21	1	US-10-005-956-386	Sequence 386, App
c984	18.4	0.8	20	1	US-10-282-174-339	Sequence 339, App	c1057	17.8	0.8	21	1	US-10-255-434-6	Sequence 6, Appl
c985	18.4	0.8	20	1	US-10-172-911-80	Sequence 80, Appl	c1058	17.8	0.8	21	1	US-10-255-434-18	Sequence 18, Appl
c986	18.4	0.8	20	1	US-10-189-268-71	Sequence 71, Appl	c1059	17.8	0.8	21	1	US-10-255-434-25	Sequence 25, Appl
c987	18.4	0.8	20	1	US-10-189-267-88	Sequence 88, Appl	c1060	17.8	0.8	21	1	US-10-353-150-87	Sequence 87, Appl
c988	18.4	0.8	20	1	US-10-189-267-223	Sequence 223, App	c1061	17.8	0.8	21	1	US-10-298-215-10	Sequence 10, Appl
c989	18.4	0.8	20	1	US-10-435-696-259	Sequence 259, App	c1062	17.8	0.8	21	1	US-10-786-720-13238	Sequence 13238, A
c990	18.4	0.8	20	1	US-10-210-723-78	Sequence 78, Appl	c1063	17.8	0.8	21	1	US-10-786-720-20455	Sequence 20455, A
c991	18.4	0.8	20	1	US-10-210-723-136	Sequence 136, App	c1064	17.8	0.8	21	1	US-10-786-720-20464	Sequence 20464, A
c992	18.4	0.8	20	1	US-10-264-958B-2	Sequence 2, Appl	c1065	17.8	0.8	21	1	US-10-751-736-4615	Sequence 4615, Ap
c993	18.4	0.8	20	1	US-10-728-509-97	Sequence 97, Appl	c1066	17.8	0.8	21	1	US-10-751-736-42847	Sequence 42847, A
c994	18.4	0.8	20	1	US-10-303-325-77	Sequence 77, Appl	c1067	17.8	0.8	21	1	US-10-751-736-42916	Sequence 42916, A
c995	18.4	0.8	20	1	US-10-303-325-145	Sequence 145, App	c1068	17.8	0.8	22	1	US-10-436-523-23	Sequence 23, Appl
c996	18.4	0.8	20	1	US-10-671-395-112	Sequence 112, App	c1069	17.4	0.7	19	1	US-09-988-626-100	Sequence 100, App
c997	18.4	0.8	20	1	US-10-671-395-157	Sequence 157, App	c1070	17.4	0.7	19	1	US-09-988-687-100	Sequence 100, App
c998	18.4	0.8	20	1	US-10-671-395-212	Sequence 212, App	c1071	17.4	0.7	19	1	US-09-988-687-100	Sequence 100, App
c999	18.4	0.8	20	1	US-10-671-395-239	Sequence 239, App	c1072	17.4	0.7	19	1	US-10-251-598-86	Sequence 86, Appl
c1000	18.4	0.8	20	1	US-10-671-395-266	Sequence 266, App	c1073	17.4	0.7	19	1	US-10-251-598-86	Sequence 86, Appl
c1001	18.4	0.8	20	1	US-10-671-395-350	Sequence 350, App	c1074	17.4	0.7	19	1	US-10-204-254A-57	Sequence 57, Appl
c1002	18.4	0.8	20	1	US-10-671-395-395	Sequence 395, App	c1075	17.4	0.7	19	1	US-10-455-552-62	Sequence 62, Appl
c1003	18.4	0.8	20	1	US-10-671-395-423	Sequence 423, App	c1076	17.4	0.7	19	1	US-10-455-552-66	Sequence 66, Appl
c1004	18.4	0.8	20	1	US-10-671-395-449	Sequence 449, App	c1077	17.4	0.7	19	1	US-10-676-154-3	Sequence 3, Appl
c1005	18.4	0.8	20	1	US-10-671-395-582	Sequence 582, App	c1078	17.4	0.7	20	1	US-09-888-361-95	Sequence 95, Appl
c1006	18.4	0.8	20	1	US-10-671-395-597	Sequence 597, App	c1079	17.4	0.7	20	1	US-09-888-361-95	Sequence 95, Appl
c1007	18.4	0.8	20	1	US-10-671-395-632	Sequence 632, App	c1080	17.4	0.7	20	1	US-09-996-292A-51	Sequence 51, Appl
c1008	18.4	0.8	20	1	US-10-671-395-808	Sequence 808, App	c1081	17.4	0.7	20	1	US-09-996-292A-52	Sequence 52, Appl
c1009	18.4	0.8	20	1	US-10-671-395-1371	Sequence 1371, Ap	c1082	17.4	0.7	20	1	US-10-222-334-12	Sequence 12, Appl
c1010	18.4	0.8	20	1	US-10-671-395-1496	Sequence 1496, Ap	c1083	17.4	0.7	20	1	US-10-143-266-28	Sequence 28, Appl
c1011	18.4	0.8	20	1	US-10-671-395-1740	Sequence 1740, Ap	c1084	17.4	0.7	20	1	US-10-010-002-86	Sequence 86, Appl
c1012	18.4	0.8	20	1	US-10-772-542-84	Sequence 84, Appl	c1085	17.4	0.7	20	1	US-10-013-295-51	Sequence 51, Appl
c1013	18.4	0.8	20	1	US-10-772-542-85	Sequence 85, Appl	c1086	17.4	0.7	20	1	US-10-013-295-52	Sequence 52, Appl
c1014	18.4	0.8	21	1	US-09-770-107-83	Sequence 83, Appl	c1087	17.4	0.7	20	1	US-10-331-907-286	Sequence 286, App
c1015	18.4	0.8	21	1	US-10-085-906-415	Sequence 415, App	c1088	17.4	0.7	20	1	US-10-005-344-331	Sequence 331, App
c1016	18.4	0.8	21	1	US-10-165-099-338	Sequence 338, App	c1089	17.4	0.7	20	1	US-10-005-344-334	Sequence 334, App
c1017	18.4	0.8	21	1	US-10-786-720-13164	Sequence 13164, A	c1090	17.4	0.7	20	1	US-10-648-593-516	Sequence 516, App
c1018	18.4	0.8	21	1	US-10-786-720-13239	Sequence 13239, A	c1091	17.4	0.7	20	1	US-10-744-831-86	Sequence 86, Appl
c1019	18.4	0.8	21	1	US-10-786-720-13242	Sequence 13242, A	c1092	17.4	0.7	20	1	US-10-671-395-232	Sequence 232, App
c1020	18.4	0.8	21	1	US-10-786-720-13248	Sequence 13248, A	c1093	17.4	0.7	20	1	US-10-671-395-383	Sequence 383, App
c1021	18.4	0.8	21	1	US-10-786-720-14253	Sequence 14253, A	c1094	17.4	0.7	20	1	US-10-671-395-422	Sequence 422, App
c1022	18.4	0.8	21	1	US-10-786-720-20171	Sequence 20171, A	c1095	17.4	0.7	20	1	US-10-671-395-515	Sequence 515, App
c1023	18.4	0.8	21	1	US-10-786-720-20230	Sequence 20230, A	c1096	17.4	0.7	20	1	US-10-671-395-667	Sequence 667, App
c1024	18.4	0.8	21	1	US-10-786-720-20232	Sequence 20232, A	c1097	17.4	0.7	20	1	US-10-671-395-678	Sequence 678, App
c1025	18.4	0.8	21	1	US-10-786-720-20375	Sequence 20375, A	c1098	17.4	0.7	20	1	US-10-671-395-1112	Sequence 1112, Ap
c1026	18.4	0.8	21	1	US-10-786-720-20376	Sequence 20376, A	c1099	17.4	0.7	20	1	US-10-671-395-1432	Sequence 1432, Ap
c1027	18.4	0.8	21	1	US-10-751-736-5089	Sequence 5089, Ap	c1100	17.4	0.7	20	1	US-10-671-395-1544	Sequence 1544, Ap
c1028	18.4	0.8	21	1	US-10-751-736-42863	Sequence 42863, A	c1101	17.4	0.7	20	1	US-10-731-739-582	Sequence 582, App
c1029	18.4	0.8	21	1	US-10-751-736-43814	Sequence 43814, A	c1102	17.4	0.7	20	1	US-10-680-287A-582	Sequence 582, App
c1030	18.4	0.8	24	1	US-09-784-423-80	Sequence 80, Appl	c1103	17.4	0.7	20	1	US-10-476-991-18	Sequence 18, Appl
c1031	18.4	0.8	24	1	US-10-812-238A-34	Sequence 34, Appl	c1104	17.4	0.7	20	1	US-10-890-685-28	Sequence 28, Appl
c1032	18.2	0.8	19	1	US-08-728-552-1	Sequence 1, Appl	c1105	17.4	0.7	21	1	US-10-374-077-28	Sequence 28, Appl
c1033	18.2	0.8	19	1	US-10-463-981B-1	Sequence 1, Appl	c1106	17.4	0.7	21	1	US-10-786-720-13163	Sequence 13163, A
c1034	18.2	0.8	23	1	US-08-913-322-16	Sequence 16, Appl	c1107	17.4	0.7	21	1	US-10-786-720-13241	Sequence 13241, A
c1035	18.2	0.8	23	1	US-10-731-739-167	Sequence 167, App	c1108	17.4	0.7	21	1	US-10-786-720-13247	Sequence 13247, A
c1036	18.2	0.8	23	1	US-10-477-238A-167	Sequence 167, App	c1109	17.4	0.7	21	1	US-10-786-720-14252	Sequence 14252, A
c1037	18.2	0.8	23	1	US-10-680-287A-167	Sequence 167, App	c1110	17.4	0.7	21	1	US-10-786-720-20170	Sequence 20170, A
c1038	18.2	0.8	24	1	US-08-784-423-96	Sequence 96, Appl	c1111	17.4	0.7	21	1	US-10-786-720-20172	Sequence 20172, A
c1039	18.2	0.8	24	1	US-10-323-463-12	Sequence 12, Appl	c1112	17.4	0.7	21	1	US-10-786-720-20231	Sequence 20231, A
c1040	18.2	0.8	24	1	US-10-309-775A-33	Sequence 33, Appl	c1113	17.4	0.7	21	1	US-10-751-736-42413	Sequence 42413, A
c1041	18	0.8	18	1	US-09-935-223-9	Sequence 9, Appl	c1114	17.4	0.7	21	1	US-10-751-736-42416	Sequence 42416, A
c1042	18	0.8	18	1	US-09-044-602-2	Sequence 2, Appl	c1115	17.4	0.7	23	1	US-10-467-019-13	Sequence 13, Appl
c1043	18	0.8	18	1	US-10-424-630-2	Sequence 2, Appl	c1116	17.4	0.7	87	1	US-09-764-891-5536	Sequence 5536, Ap
c1044	18	0.8	19	1	US-10-098-871-37	Sequence 37, Appl	c1117	17.4	0.7	87	1	US-09-764-891-5537	Sequence 5537, Ap
c1045	18	0.8	19	1	US-10-636-065-98	Sequence 98, Appl	c1118	17.2	0.7	87	1	US-10-075-425-28	Sequence 28, Appl
c1046	18	0.8	20	1	US-09-993-731-22	Sequence 22, Appl	c1119	17.2	0.7	22	1	US-10-210-130-308	Sequence 308, App
c1047	18	0.8	20	1	US-10-671-395-1032	Sequence 1032, Ap	c1120	17.2	0.7	22	1	US-10-655-579-35	Sequence 35, Appl
c1048	18	0.8	20	1	US-10-786-720-20441	Sequence 20441, A	c1121	17.2	0.7	22	1	US-10-795-667-120	Sequence 120, App
c1049	18	0.8	21	1	US-10-751-736-5087	Sequence 5087, Ap	c1122	17.2	0.7	22	1	US-10-797-333A-48	Sequence 48, Appl
c1050	18	0.8	22	1	US-09-974-546-87	Sequence 87, Appl	c1123	17.2	0.7	22	1	US-10-483-958-24	Sequence 24, Appl
c1051	18	0.8	22	1	US-09-996-292A-50	Sequence 50, Appl	c1124	17	0.7	17	1	US-09-242-772-1	Sequence 1, Appl
c1052	18	0.8	22	1	US-10-013-295-50	Sequence 50, Appl	c1125	17	0.7	17	1	US-09-902-214-75	Sequence 75, Appl
c1053	17.8	0.8	21	1	US-09-918-686-87	Sequence 87, Appl	c1126	17	0.7	17	1	US-10-156-306-574	Sequence 574, App
c1054	17.8	0.8	21	1	US-10-085-906-401	Sequence 401, App	c1127	17	0.7	17	1	US-10-156-306-1672	Sequence 1672, Ap
c1055	17.8	0.8	21	1	US-10-085-906-474	Sequence 474, App	c1128	17	0.7	17	1	US-10-156-306-1673	Sequence 1673, Ap

1129	17	0.7	17	1	US-10-156-306-1713	Sequence 1713, Ap	Sequence 1713, Ap	16.8	0.7	20	1	US-10-671-395-1167	Sequence 1167, Ap
1130	17	0.7	17	1	US-10-156-306-1714	Sequence 1714, Ap	Sequence 1714, Ap	16.8	0.7	20	1	US-10-671-395-1231	Sequence 1231, Ap
1131	17	0.7	17	1	US-10-156-306-1715	Sequence 1715, Ap	Sequence 1715, Ap	16.8	0.7	20	1	US-10-671-395-1232	Sequence 1232, Ap
1132	17	0.7	17	1	US-10-156-306-1716	Sequence 1716, Ap	Sequence 1716, Ap	16.8	0.7	20	1	US-10-671-395-1391	Sequence 1391, Ap
1133	17	0.7	17	1	US-10-156-306-1717	Sequence 1717, Ap	Sequence 1717, Ap	16.8	0.7	20	1	US-10-671-395-1417	Sequence 1417, Ap
1134	17	0.7	17	1	US-10-156-306-2399	Sequence 2399, Ap	Sequence 2399, Ap	16.8	0.7	20	1	US-10-671-395-1433	Sequence 1433, Ap
1135	17	0.7	17	1	US-10-156-306-2416	Sequence 2416, Ap	Sequence 2416, Ap	16.8	0.7	20	1	US-10-671-395-1507	Sequence 1507, Ap
1136	17	0.7	17	1	US-10-156-306-3796	Sequence 3796, Ap	Sequence 3796, Ap	16.8	0.7	20	1	US-10-671-395-1549	Sequence 1549, Ap
1137	17	0.7	17	1	US-10-156-306-3797	Sequence 3797, Ap	Sequence 3797, Ap	16.8	0.7	20	1	US-10-671-395-1567	Sequence 1567, Ap
1138	17	0.7	17	1	US-10-156-306-3798	Sequence 3798, Ap	Sequence 3798, Ap	16.8	0.7	20	1	US-10-671-395-1573	Sequence 1573, Ap
1139	17	0.7	17	1	US-10-255-434-10	Sequence 10, Appl	Sequence 10, Appl	16.8	0.7	20	1	US-10-671-395-1656	Sequence 1656, Ap
1140	17	0.7	17	1	US-10-255-434-22	Sequence 22, Appl	Sequence 22, Appl	16.8	0.7	20	1	US-10-671-395-1729	Sequence 1729, Ap
1141	17	0.7	17	1	US-10-339-782-391	Sequence 391, Appl	Sequence 391, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1142	17	0.7	17	1	US-10-400-382-164	Sequence 164, Appl	Sequence 164, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1143	17	0.7	19	1	US-10-282-174-135	Sequence 135, Appl	Sequence 135, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1144	17	0.7	19	1	US-10-282-174-135	Sequence 135, Appl	Sequence 135, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1145	17	0.7	19	1	US-10-282-174-135	Sequence 135, Appl	Sequence 135, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1146	17	0.7	20	1	US-09-863-806-155	Sequence 155, Appl	Sequence 155, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1147	17	0.7	20	1	US-09-949-427-209	Sequence 209, Appl	Sequence 209, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1148	17	0.7	20	1	US-09-949-428-209	Sequence 209, Appl	Sequence 209, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1149	17	0.7	20	1	US-09-949-428-209	Sequence 209, Appl	Sequence 209, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1150	17	0.7	20	1	US-10-181-177-94	Sequence 94, Appl	Sequence 94, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1151	17	0.7	20	1	US-10-351-951-75	Sequence 75, Appl	Sequence 75, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1152	17	0.7	20	1	US-10-159-834-73	Sequence 73, Appl	Sequence 73, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1153	17	0.7	20	1	US-10-159-834-126	Sequence 126, Appl	Sequence 126, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1154	17	0.7	20	1	US-10-671-395-1225	Sequence 1225, Appl	Sequence 1225, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1155	17	0.7	21	1	US-10-786-720-20620	Sequence 20620, A	Sequence 20620, A	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1156	17	0.7	21	1	US-10-786-720-20626	Sequence 20626, A	Sequence 20626, A	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1157	16.8	0.7	20	1	US-10-786-720-20628	Sequence 20628, A	Sequence 20628, A	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1158	16.8	0.7	20	1	US-09-752-983-26	Sequence 26, Appl	Sequence 26, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1159	16.8	0.7	20	1	US-09-923-517-25	Sequence 25, Appl	Sequence 25, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1160	16.8	0.7	20	1	US-09-800-631-24	Sequence 24, Appl	Sequence 24, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1161	16.8	0.7	20	1	US-09-745-605-16	Sequence 16, Appl	Sequence 16, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1162	16.8	0.7	20	1	US-09-263-959-1091	Sequence 1091, Appl	Sequence 1091, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1163	16.8	0.7	20	1	US-09-263-959-1214	Sequence 1214, Appl	Sequence 1214, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1164	16.8	0.7	20	1	US-09-851-771A-26	Sequence 26, Appl	Sequence 26, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1165	16.8	0.7	20	1	US-09-863-806-135	Sequence 135, Appl	Sequence 135, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1166	16.8	0.7	20	1	US-09-920-671-81	Sequence 81, Appl	Sequence 81, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1167	16.8	0.7	20	1	US-09-541-848-25	Sequence 25, Appl	Sequence 25, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1168	16.8	0.7	20	1	US-09-908-147-94	Sequence 94, Appl	Sequence 94, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1169	16.8	0.7	20	1	US-10-181-177-95	Sequence 95, Appl	Sequence 95, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1170	16.8	0.7	20	1	US-10-293-783-24	Sequence 24, Appl	Sequence 24, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1171	16.8	0.7	20	1	US-10-430-196-25	Sequence 25, Appl	Sequence 25, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1172	16.8	0.7	20	1	US-10-005-344-26	Sequence 26, Appl	Sequence 26, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1173	16.8	0.7	20	1	US-10-005-344-328	Sequence 328, Appl	Sequence 328, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1174	16.8	0.7	20	1	US-10-005-344-330	Sequence 330, Appl	Sequence 330, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1175	16.8	0.7	20	1	US-10-005-344-333	Sequence 333, Appl	Sequence 333, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1176	16.8	0.7	20	1	US-10-005-344-343	Sequence 343, Appl	Sequence 343, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1177	16.8	0.7	20	1	US-10-005-344-352	Sequence 352, Appl	Sequence 352, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1178	16.8	0.7	20	1	US-10-005-344-354	Sequence 354, Appl	Sequence 354, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1179	16.8	0.7	20	1	US-10-148-355A-70	Sequence 70, Appl	Sequence 70, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1180	16.8	0.7	20	1	US-10-181-875-72	Sequence 72, Appl	Sequence 72, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1181	16.8	0.7	20	1	US-10-401-194-5	Sequence 5, Appl	Sequence 5, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1182	16.8	0.7	20	1	US-10-388-663-672	Sequence 672, Appl	Sequence 672, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1183	16.8	0.7	20	1	US-10-187-659A-13	Sequence 13, Appl	Sequence 13, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1184	16.8	0.7	20	1	US-10-199-676-38	Sequence 38, Appl	Sequence 38, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1185	16.8	0.7	20	1	US-10-199-676-74	Sequence 74, Appl	Sequence 74, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1186	16.8	0.7	20	1	US-10-728-509-94	Sequence 94, Appl	Sequence 94, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1187	16.8	0.7	20	1	US-10-627-757-19	Sequence 19, Appl	Sequence 19, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1188	16.8	0.7	20	1	US-10-300-424-19	Sequence 19, Appl	Sequence 19, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1189	16.8	0.7	20	1	US-10-304-107-81	Sequence 81, Appl	Sequence 81, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1190	16.8	0.7	20	1	US-10-303-325-83	Sequence 83, Appl	Sequence 83, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1191	16.8	0.7	20	1	US-10-303-325-149	Sequence 149, Appl	Sequence 149, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1192	16.8	0.7	20	1	US-10-315-474-88	Sequence 88, Appl	Sequence 88, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1193	16.8	0.7	20	1	US-10-316-516-64	Sequence 64, Appl	Sequence 64, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1194	16.8	0.7	20	1	US-10-316-516-121	Sequence 121, Appl	Sequence 121, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
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1196	16.8	0.7	20	1	US-10-671-395-752	Sequence 752, Appl	Sequence 752, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
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1198	16.8	0.7	20	1	US-10-671-395-829	Sequence 829, Appl	Sequence 829, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1199	16.8	0.7	20	1	US-10-671-395-948	Sequence 948, Appl	Sequence 948, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1200	16.8	0.7	20	1	US-10-671-395-950	Sequence 950, Appl	Sequence 950, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
1201	16.8	0.7	20	1	US-10-671-395-1041	Sequence 1041, Appl	Sequence 1041, Appl	16.8	0.7	20	1	US-10-671-395-1739	Sequence 1739, Ap
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1277	16.4	0.7	21	1	US-10-786-720-20236	Sequence 20236, A	1350	16	0.7	19	1	US-10-477-238A-222	Sequence 222, App
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1282	16.4	0.7	21	1	US-10-751-736-4120	Sequence 4120, Ap	c1355	16	0.7	20	1	US-10-786-720-20622	Sequence 20622, A
1283	16.4	0.7	21	1	US-10-751-736-4585	Sequence 4585, Ap	c1356	16	0.7	21	1	US-10-786-720-20627	Sequence 20627, A
1284	16.4	0.7	21	1	US-10-751-736-5090	Sequence 5090, Ap	1357	16	0.7	21	1	US-10-751-736-23458	Sequence 23458, A
1285	16.4	0.7	21	1	US-10-751-736-23459	Sequence 23459, A	c1358	15.8	0.7	19	1	US-10-204-254A-15	Sequence 15, Appl
c1286	16.2	0.7	21	1	US-09-981-566A-137	Sequence 137, App	1359	15.8	0.7	19	1	US-10-204-254A-64	Sequence 64, Appl
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1293	16.2	0.7	21	1	US-10-134-296-25	Sequence 25, Appl	c1366	15.8	0.7	20	1	US-09-899-569A-14	Sequence 14, Appl
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c1627	14.6	0.6	87	1	US-10-212-872-962	Sequence 962, App
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c1631	14.4	0.6	16	1	US-10-255-434-5	Sequence 5, Appli
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c1637	14.4	0.6	17	1	US-09-866-108-7369	Sequence 7369, Ap
c1638	14.4	0.6	17	1	US-09-776-474-380	Sequence 380, App
c1639	14.4	0.6	17	1	US-09-776-474-692	Sequence 692, App

ALIGNMENTS

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SOFTWARE: PatentIn Ver. 2.0	
SEQ ID NO 5710	
LENGTH: 100	
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US-09-764-891-5710	
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DB 40 CCAGCTCGGCTTCCCAAGTGTGGGATTACAGGCTGA 1	
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; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10070
; LENGTH: 98
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10070

Query Match      3.6%; Score 85.2; DB 1; Length 98;
Best Local Similarity 91.8%; Pred. No. 0.51;
Matches 90; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 2268 GAGACAGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGTATCGGCC 2327
Db 1 GAGATGGGATTTACCGGATTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGTATCGGCC 60

Qy 2328 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 2365
Db 61 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 98

RESULT 3
US-09-764-891-10073
; Sequence 10073, Application US/09764891
; Publication No. US20030077080A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10073
; LENGTH: 98
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10073

Query Match      3.6%; Score 85.2; DB 1; Length 98;
Best Local Similarity 91.8%; Pred. No. 0.51;
Matches 90; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 2268 GAGACAGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGTATCGGCC 2327
Db 1 GAGATGGGATTTACCGGATTTAGCCAGGATGGTCTCGATCTCTGACCTCGTGTATCGGCC 60

Qy 2328 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 2365
Db 61 CACCTCGGCTCCCAAGTGTGGATTACAGGCATGA 98

RESULT 4
US-09-764-860-720
; Sequence 720, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 720
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-720

Query Match      3.5%; Score 82.6; DB 1; Length 100;
Best Local Similarity 90.7%; Pred. No. 0.69;
Matches 88; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 2264 AGTAGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGTATC 2323
Db 1 AGTAGAGATGGGGTTTACCGTGTGTGTCAGGATGGTCTCGATCTCTGACCTCGTGTATC 60

Qy 2324 CGCCACCTCGGCTCCCAAGTGTGGATTACAGG 2360
Db 61 CTCGGGCTCGGCTCCCAAGTGTGGATTACAGG 97

RESULT 5
US-10-074-095-720
; Sequence 720, Application US/10074095
; Publication No. US2003007704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
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/	PRIOR FILING DATE:	2000-08-14
/	PRIOR APPLICATION NUMBER:	60/227,182
/	PRIOR FILING DATE:	2000-08-22
/	PRIOR APPLICATION NUMBER:	60/225,214
/	PRIOR FILING DATE:	2000-08-14
/	PRIOR APPLICATION NUMBER:	60/235,836
/	PRIOR FILING DATE:	2000-09-27
/	PRIOR APPLICATION NUMBER:	60/230,438
/	PRIOR FILING DATE:	2000-09-06
/	PRIOR APPLICATION NUMBER:	60/215,135
/	PRIOR FILING DATE:	2000-06-30
/	PRIOR APPLICATION NUMBER:	60/225,266
/	PRIOR FILING DATE:	2000-08-14
/	PRIOR APPLICATION NUMBER:	60/249,218
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,208
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,213
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,212
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,207
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,245
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,244
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,217
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,211
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,215
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,264
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,214
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/249,297
/	PRIOR FILING DATE:	2000-11-17
/	PRIOR APPLICATION NUMBER:	60/232,400
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/231,242
/	PRIOR FILING DATE:	2000-09-08
/	PRIOR APPLICATION NUMBER:	60/232,081
/	PRIOR FILING DATE:	2000-09-08
/	PRIOR APPLICATION NUMBER:	60/232,080
/	PRIOR FILING DATE:	2000-09-08
/	PRIOR APPLICATION NUMBER:	60/231,414
/	PRIOR FILING DATE:	2000-09-08
/	PRIOR APPLICATION NUMBER:	60/231,244
/	PRIOR FILING DATE:	2000-09-08
/	PRIOR APPLICATION NUMBER:	60/233,064
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/233,063
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/232,397
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/232,399
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/232,401
/	PRIOR FILING DATE:	2000-09-14
/	PRIOR APPLICATION NUMBER:	60/241,808
/	PRIOR FILING DATE:	2000-10-20
/	PRIOR APPLICATION NUMBER:	60/241,826
/	PRIOR FILING DATE:	2000-10-20
/	PRIOR APPLICATION NUMBER:	60/241,786
/	PRIOR FILING DATE:	2000-10-20
/	PRIOR APPLICATION NUMBER:	60/241,221
/	PRIOR FILING DATE:	2000-10-20
/	PRIOR APPLICATION NUMBER:	60/246,475
/	PRIOR FILING DATE:	2000-11-08
/	PRIOR APPLICATION NUMBER:	60/231,243
/	PRIOR FILING DATE:	2000-09-08


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Db 32 TCCTGGGATTACAGGCGTGAGCCACCG 6
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RESULT 9
US-09-761-288-41/c
; Sequence 41, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-41
Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 2345
|||||
Db 94 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 35
|||||
QY 2346 TCCTGGGATTACAGGCGTGAGCCACCG 2372
|||||
Db 34 TCCTGGGATTACAGGCGTGAGCCACCG 8
|||||
RESULT 10
US-09-761-288-48
; Sequence 48, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
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```
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-48
Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 2345
|||||
Db 1 GTTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAG 50
|||||
QY 2346 TGCTGGGATTACAGGCGTGAGCCACCG 2372
|||||
Db 61 TGCTGGGATTACAGGCGTGAGCCACCG 87
|||||
RESULT 11
US-09-898-586-41/c
; Sequence 41, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: No. US2003007794A1el Polypeptides and Nucleic Acids Encoding Sam
; FILE REFERENCE: 15966-638CIP
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 09/761,288
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-898-586-41.

Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCGGCCACCTCGGCCTCCCAAAG 2345
|||||
Db 94 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCATGATCCACCGCCTCGGCCTCCCAAAG 35
|||||

QY 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
|||||

Db 34 TGCTGGGATTACAGGCGTGAGCCACCG 8
|||||

RESULT 12

US-09-898-586-48
; Sequence 48, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US2003007794A1 Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-638CIP
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: 60/220,590
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-586-48

Query Match 3.4%; Score 80.6; DB 1; Length 94;
Best Local Similarity 95.4%; Pred. No. 0.87;
Matches 83; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCGGCCACCTCGGCCTCCCAAAG 2345
|||||
Db 1 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCATGATCCACCGCCTCGGCCTCCCAAAG 60
|||||

QY 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
|||||

Db 61 TGCTGGGATTACAGGCGTGAGCCACCG 87
|||||

RESULT 13

US-09-761-288-52
; Sequence 52, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Prayaga, Sudhirdas

; APPLICANT: Taupier, Raymond J
; APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Li, Li
; TITLE OF INVENTION: No. US20020065405A1 Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-638
; CURRENT APPLICATION NUMBER: US/09/761,288
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-761-288-52

Query Match 3.3%; Score 79; DB 1; Length 94;
Best Local Similarity 94.3%; Pred. No. 1;
Matches 82; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGCTCTCGATCTCCTGACCTCGTGATCGGCCACCTCGGCCTCCCAAAG 2345
|||||
Db 1 GTTAGCCAGGATGGTCTCAATCTCCTGACCTCGTGATCGGCCTTGGCCTCCCAAAG 60
|||||

QY 2346 TGCTGGGATTACAGGATGAGCCACCG 2372
|||||

Db 61 TGCTGGGATTACAGGATGAGCCACTG 87
|||||

RESULT 14

US-09-898-586-52
; Sequence 52, Application US/09898586
; Publication No. US2003007794A1
; GENERAL INFORMATION:
; APPLICANT: Gerlach, Valerie L
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US2003007794A1 Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-638CIP
; CURRENT APPLICATION NUMBER: US/09/898,586
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/177,839
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 60/176,134
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/175,989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/218,324
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,253
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/178,191
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/178,227
; PRIOR FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: 60/220,590

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/ PRIOR FILING DATE: 2000-07-25
/ PRIOR APPLICATION NUMBER: 09/761,288
/ PRIOR FILING DATE: 2001-01-16
/ NUMBER OF SEQ ID NOS: 104
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 52
/ LENGTH: 94
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-898-586-52

Query Match      3.3%; Score 79; DB 1; Length 94;
Best Local Similarity 94.3%; Pred. No. 1;
Matches 82; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2286 GTTACCGAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCCTCCCAAAG 2345
Db 1 GTTACCGAGGATGGTCTCAATCTCTGACCTCGGTGATCCGCCCTGCTGCTTGGCCTCCCAAAG 60

QY 2346 TGCTGGGATTACGCGCATGAGCCACCG 2372
Db 61 TGCTGGGATTACGCGCATGAGCCACTG 87
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RESULT 15
US-09-984-429-613
/ Sequence 613, Application US/09984429
/ Publication No. US20040010132A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: 53 Human Secreted Proteins
/ FILE REFERENCE: PZ018P2
/ CURRENT APPLICATION NUMBER: US/09/984,429
/ CURRENT FILING DATE: 2001-10-30
/ PRIOR APPLICATION NUMBER: 60/244,591
/ PRIOR FILING DATE: 2000-11-01
/ PRIOR APPLICATION NUMBER: 09/288,143
/ PRIOR FILING DATE: 1999-04-08
/ PRIOR APPLICATION NUMBER: PCR/US98/21142
/ PRIOR FILING DATE: 1998-10-08
/ PRIOR APPLICATION NUMBER: 60/061,463
/ PRIOR FILING DATE: 1997-10-09
/ PRIOR APPLICATION NUMBER: 60/061,529
/ PRIOR FILING DATE: 1997-10-09
/ PRIOR APPLICATION NUMBER: 60/071,498
/ PRIOR FILING DATE: 1997-10-09
/ PRIOR APPLICATION NUMBER: 60/061,527
/ PRIOR FILING DATE: 1997-10-09
/ PRIOR APPLICATION NUMBER: 60/061,536
/ PRIOR FILING DATE: 1997-10-09
/ PRIOR APPLICATION NUMBER: 60/061,532
/ PRIOR FILING DATE: 1997-10-09
/ NUMBER OF SEQ ID NOS: 727
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 613
/ LENGTH: 88
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-984-429-613

Query Match      3.3%; Score 78.4; DB 1; Length 88;
Best Local Similarity 93.2%; Pred. No. 1.1;
Matches 82; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCC 2337
Db 1 TTCACCGTGTGGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCCGCTCGGCC 60

QY 2338 TCCCAAGTGTGGGATTACAGGCATGA 2365
Db 61 TCTCAAGTGTGGGATTACAGGCATGA 88
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RESULT 16
US-09-764-877-3775/c
/ Sequence 3775, Application US/09764877
/ Patent No. US20020147140A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
/ FILE REFERENCE: PC005
/ CURRENT APPLICATION NUMBER: US/09/764,877
/ CURRENT FILING DATE: 2001-01-17
/ Prior application data removed - refer to PALM or file wrapper
/ NUMBER OF SEQ ID NOS: 4031
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 3775
/ LENGTH: 87
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-764-877-3775
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Query Match      3.2%; Score 75.8; DB 1; Length 87;
Best Local Similarity 92.0%; Pred. No. 1.5;
Matches 80; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGGTGATCCGCCACCTCGGCCTC 2339
Db 87 CACATGTTGGCCAGGCTGTCTCGAACTCTTGACCTCATGATCCGCCACCTCGGCCTC 28

QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
Db 27 CCAAAGTGTGGGATTACAGGTGTGAG 1
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RESULT 17
US-10-242-515-3775/c
/ Sequence 3775, Application US/10242515
/ Publication No. US20040009488A1
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
/ FILE REFERENCE: PC005C1
/ CURRENT APPLICATION NUMBER: US/10/242,515
/ CURRENT FILING DATE: 2002-09-13
/ PRIOR APPLICATION NUMBER: 09/764,877
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/179,065
/ PRIOR FILING DATE: 2000-01-31
/ PRIOR APPLICATION NUMBER: 60/180,628
/ PRIOR FILING DATE: 2000-02-04
/ PRIOR APPLICATION NUMBER: 60/214,886
/ PRIOR FILING DATE: 2000-06-28
/ PRIOR APPLICATION NUMBER: 60/217,487
/ PRIOR FILING DATE: 2000-07-11
/ PRIOR APPLICATION NUMBER: 60/225,758
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/220,963
/ PRIOR FILING DATE: 2000-07-26
/ PRIOR APPLICATION NUMBER: 60/217,496
/ PRIOR FILING DATE: 2000-07-11
/ PRIOR APPLICATION NUMBER: 60/225,447
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/218,290
/ PRIOR FILING DATE: 2000-07-14
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 4031
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 3775
/ LENGTH: 87
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-242-515-3775

Query Match      3.2%; Score 75.8; DB 1; Length 87;
Best Local Similarity 92.0%; Pred. No. 1.5;
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QY 665 AGGTACATCTGTAGTGAGACAGGTCTCACCTTGAAGTGGGAGTGATCAAAAGGACCT 724
Db 73 AGGTACATCTGTAGTGAGACAGGTCTCACCTTGAAGTGGGAGTGATCAAAAGGACCT 14
QY 725 TGTACAAGAGCTT 737
Db 13 TGTACAAGAGCTT 1

RESULT 21
US-09-764-860-962
; Sequence 962, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1196
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 962
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-962

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCCACCTGGGCCTC 2339
Db 1 CACCATGTTGGCAGCGTGGTCTCAAACTCTGACCTCGTGATCCGCCCTCTGGCTC 60

QY 2340 CCAAGTCTGGGATTACAGCATGAG 2366
Db 61 CCAAGTCTGGGATTACAGCGTGAG 87

RESULT 22
US-10-074-095-962
; Sequence 962, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
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; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
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;; PRIOR APPLICATION NUMBER: 60/237,037
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,040
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/240,960
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/239,935
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/239,937
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/241,787
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,474
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/246,532
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/249,216
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,210
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/226,681
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,759
;; PRIOR FILING DATE: 2000-08-14
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;; PRIOR APPLICATION NUMBER: 60/227,182
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,214
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/235,836
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: 60/230,438
;; PRIOR FILING DATE: 2000-09-06
;; PRIOR APPLICATION NUMBER: 60/215,135
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: 60/225,266
;; PRIOR FILING DATE: 2000-08-14
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/231,242
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,081
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,080
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,414

;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,244
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/233,064
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/233,063
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,397
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,399
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,401
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/241,808
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,826
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,786
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,221
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,475
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/231,243
;; PRIOR FILING DATE: 2000-09-08

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCTGATCCACCGCCTCTGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCTGAG 2366
Db 61 CCAAAGTCTGGGATTACAGGCTGAG 87

RESULT 23
US-10-212-872-962
; Sequence 962, Application US/10212872
; Publication No. US20030215893A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C2
; CURRENT APPLICATION NUMBER: US/10/212,872
; CURRENT FILING DATE: 2002-08-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 962
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-212-872-962

Query Match 3.1%; Score 72.6; DB 1; Length 87;
Best Local Similarity 89.7%; Pred. No. 2.2;
Matches 78; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCTGATCCGCCACCTCGGCCTC 2339
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCTGATCCACCGCCTCTGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCTGAG 2366
Db 61 CCAAAGTCTGGGATTACAGGCTGAG 87

RESULT 24
US-09-764-860-766

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; Sequence 766, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 766
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-766

Query Match          3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCAGGATGCTCGATCTCTGACCTGTGTGATCGGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGTCAGGCTGGTCTCAAACTCTGACCTTGTGATCGGCCGCTCAGGCCTC 60

QY 2340 CCAAAGTCTGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGATTACAGGCGTGAG 87

RESULT 25
US-10-074-095-766
; Sequence 766, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
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; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
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; PRIOR APPLICATION NUMBER: 60/236,367
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; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
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; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 972
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-972

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCGGCCACCTGGGCCTC 2339
      |||||
Db 1 CACCATGTGGTCAGGCTGGTCTCAAACTCCTGACTCGTGATCGGCCACCTGGGCCTC 60

QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
      |||||
Db 61 CCAAAGTGTGGGATTACAGGCATGAG 87

RESULT 28
US-10-242-355-974
; Sequence 974, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; PRIOR FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 974
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-974

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCGGCCACCTGGGCCTC 2339
      |||||
Db 1 CACCATGTGGTCAGGCTGGTCTCAAACTCCTGACTCGTGATCGGCCACCTGGGCCTC 60

QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
      |||||
Db 61 CCAAAGTGTGGGATTACAGGCATGAG 87

RESULT 29
US-10-242-355-975
; Sequence 975, Application US/10242355
; Publication No. US20030235831A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC003C1
; CURRENT APPLICATION NUMBER: US/10/242,355
; PRIOR FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,897
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1267
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 975
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-355-975

Query Match      3.0%; Score 71; DB 1; Length 87;
Best Local Similarity 88.5%; Pred. No. 2.7;
Matches 77; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCGGCCACCTGGGCCTC 2339
      |||||
Db 1 CACCATGTGGTCAGGCTGGTCTCAAACTCCTGACTCGTGATCGGCCACCTGGGCCTC 60

QY 2340 CCAAAGTGTGGGATTACAGGCATGAG 2366
      |||||
Db 61 CCAAAGTGTGGGATTACAGGCATGAG 87

RESULT 30
US-09-920-300A-1278
; Sequence 1278, Application US/09920300A
; Patent No. US20020136728A1

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 608
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-608

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 2339
    |||||
Db 1 CACCATCTGGCCAGCGCTGCTCAAACTCTGACCTCGTGCATCCGCCACCTCGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
    |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 35
US-09-764-887-610
; Sequence 610, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P0113
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 610
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-610

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 2339
    |||||
Db 1 CACCATCTGGCCAGCGCTGCTCAAACTCTGACCTCGTGCATCCGCCACCTCGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
    |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 36
US-09-764-869-1866
; Sequence 1866, Application US/09764869
; Patent No. US20020061521A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P0007
; CURRENT APPLICATION NUMBER: US/09/764,869
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2442
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1866
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-869-1866

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
```

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Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 2339
    |||||
Db 1 CACCATCTGGCTCAGGCTGATCTCGAACTCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
    |||||
Db 61 CCAAAGTCTGGGATTACAGGCATGAG 87

RESULT 37
US-09-764-877-2829/c
; Sequence 2829, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P0005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2829
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2829

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 2339
    |||||
Db 87 CACCATCTGGCCAGCGCTTCTTAGAACTCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
    |||||
Db 27 CCAAAGTCTGGGATTACAGGCATGAG 1

RESULT 38
US-09-764-877-2831/c
; Sequence 2831, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P0005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2831
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2831

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 2339
    |||||
Db 87 CACCATCTGGCCAGCGCTTCTTAGAACTCTCTGACCTCGTGCATCCGCCACCTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
    |||||
Db 27 CCAAAGTCTGGGATTACAGGCATGAG 1
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; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5537
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5537

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCGTGATCCGCCACCTTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGAATTACAGCGTAAG 87

RESULT 42
US-09-764-891-10026/c
; Sequence 10026, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10026
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-10026

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 87 CACCATGTTGGCCAGGCTGCTCTCGAACTCTGAACTCTGACCTCGTGATCCGCCACCTTTGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 27 CCAAAGTCTGGGAATTACAGATGTGAG 1

RESULT 43
US-10-091-504-1866
; Sequence 1866, Application US/10091504
; Publication No. US20030059908A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007C1
; CURRENT APPLICATION NUMBER: US/10/091,504
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2442
; Prior application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1866
; LENGTH: 87
; TYPE: DNA

; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2832

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 87 CACCATGTTGGCCAGGCTGCTCTAGAACTCTGACCTCGTGATCCGCCACCTTTGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 40
US-09-764-891-5536
; Sequence 5536, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5536
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5536

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CACCATGTTGGCCAGGCTGCTCTCAAACTCTGACCTCGTGATCCGCCACCTTTGGCCTC 60

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 CCAAAGTCTGGGAATTACAGCGTAAG 87

RESULT 41
US-09-764-891-5537
; Sequence 5537, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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; ORGANISM: Homo sapiens
US-10-091-504-1866

Query Match          2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTGCTGATCGGCCACCTCGGCTC 2339
Db 1 CACCGTGTAGCCAGGATGCTCGATCTCTGACCTGCTGATCGGCCACCTCGGCTC 60
QY 2340 CCAAGTGTGGGATTACAGGCATGAG 2366
Db 61 CCAAGTGTGGGATTACAGGATGAG 87

RESULT 44
US-10-073-961-607
; Sequence 607, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P413C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
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Query Match 2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2280 CACCGTGTAGCCAGGATGTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTC 2339
DB 1 CACCATCTTGGCCAGGCTGGTCTCAACTCTCTGACCTCGTGATCCGCCACCTCGGCTC 60
QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
DB 61 CCAAAGTCTGAGATTACCGGCGTGAG 87
RESULT 45
US-10-073-961-608
; Sequence 608, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26

;; PRIOR APPLICATION NUMBER: 60/241,809
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/249,299
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/236,327
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/241,785
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/244,617
;; PRIOR FILING DATE: 2000-11-01
;; PRIOR APPLICATION NUMBER: 60/225,268
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/236,368
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/251,856
;; PRIOR FILING DATE: 2000-12-08
;; PRIOR APPLICATION NUMBER: 60/251,868
;; PRIOR FILING DATE: 2000-12-08
;; PRIOR APPLICATION NUMBER: 60/229,344
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/234,997
;; PRIOR FILING DATE: 2000-09-25
;; PRIOR APPLICATION NUMBER: 60/229,343
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/229,345
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/229,287
;; PRIOR FILING DATE: 2000-09-01
;; PRIOR APPLICATION NUMBER: 60/229,513
;; PRIOR FILING DATE: 2000-09-05
;; PRIOR APPLICATION NUMBER: 60/231,413
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/229,509
;; PRIOR FILING DATE: 2000-09-05
;; PRIOR APPLICATION NUMBER: 60/236,367
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/237,039
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,038
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/236,370
;; PRIOR FILING DATE: 2000-09-29
;; PRIOR APPLICATION NUMBER: 60/236,802
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,037
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/237,040
;; PRIOR FILING DATE: 2000-10-02
;; PRIOR APPLICATION NUMBER: 60/240,960
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/239,935
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/239,937
;; PRIOR FILING DATE: 2000-10-13
;; PRIOR APPLICATION NUMBER: 60/241,787
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,474
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/246,532
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/249,216
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,210
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/226,681
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,759
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/225,213
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/227,182
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,214

;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/235,836
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: 60/230,438
;; PRIOR FILING DATE: 2000-09-06
;; PRIOR APPLICATION NUMBER: 60/215,135
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: 60/225,266
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/249,218
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,208
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,213
;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR APPLICATION NUMBER: 60/249,214
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,297
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/232,400
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/231,242
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;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,080
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,414
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,244
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/233,064
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/233,063
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,397
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,399
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,401
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/241,808
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,826
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,786
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,221
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,475
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/231,243
;; PRIOR FILING DATE: 2000-09-08

Query Match 2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;


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; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2829
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2829

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCGCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 49
US-10-242-515-2831/c
; Sequence 2831, Application US/10242515
; Publication No. US20040009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2831
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2831/c

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCGCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 51
US-10-242-515-2832/c
; Sequence 2832, Application US/10242515
; Publication No. US20040009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2832/c

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCGCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 51
US-10-758-307-74
; Sequence 74, Application US/10758307
; Publication No. US20040209290A1
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2831

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCGCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 50
US-10-242-515-2832/c
; Sequence 2832, Application US/10242515
; Publication No. US20040009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2832
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2832/c

Query Match      2.9%; Score 69.4; DB 1; Length 87;
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAGGATGCTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCCTC 2339
Db      87 CACCATGTTGCCAGGCTTGTCTAGAACTCTGACCTCGTGATCCGCCCGCTTCGGCCTC 28

QY 2340 CCAAAGTCTGGGATTACAGGCATGAG 2366
Db      27 CCAAAGTCTGGGATTACAGGTGTGAG 1

RESULT 51
US-10-758-307-74
; Sequence 74, Application US/10758307
; Publication No. US20040209290A1
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RESULT 55
US-10-097-105-348
; Sequence 348, Application US/10097105
; Publication No. US20040037842A1
; GENERAL INFORMATION:
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: King, Gordon E.
; APPLICANT: Secrist, Heather
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.504C1
; CURRENT APPLICATION NUMBER: US/10/097,105
; CURRENT FILING DATE: 2002-03-13
; NUMBER OF SEQ ID NOS: 1562
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 348
; LENGTH: 69
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-105-348

Query Match      2.4%; Score 56.2; DB 1; Length 69;
Best Local Similarity 88.4%; Pred. No. 15;
Matches 61; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 2291 CCAGGATGGTCTCGATCTCTGACCTCGTGATCGGCCACCTCGGCTCCAAAGTGCTG 2350
Db 1 CCAGGCGGTCTGAACTCCAGACCTCATGATCACCCGCTTGCGCTCCAAAGTGCTG 60

QY 2351 GGATTACAG 2359
Db 61 GGATTACAG 69

RESULT 56
US-10-457-839-26/c
; Sequence 26, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-26

Query Match      2.2%; Score 52; DB 1; Length 60;
Best Local Similarity 91.7%; Pred. No. 24;
Matches 55; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2308 TCTGACCTCGTATCGGCCACCTCGGCTCCCAAAGTCTGGATTACAGGATGAGC 2367
Db 60 TCTGACCTTGTGATCTGCCGCTCGGCTCCCAAAGTCTGGATTACAGGATGAGC 1

RESULT 57
US-09-764-887-575
; Sequence 575, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P4113
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 575
; LENGTH: 66
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-575

Query Match      2.2%; Score 51.6; DB 1; Length 66;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 57; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCC 2310
Db 1 TTTTGTATTTTAGTAGAGACGGGTTTCACCATATTGACCAGGCTGGTCTCAAACTCC 60

QY 2311 TGACCT 2316
Db 61 TGACCT 66

RESULT 58
US-10-073-961-575
; Sequence 575, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P4113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
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1 PRIOR FILING DATE: 2000-12-08
2 PRIOR APPLICATION NUMBER: 60/235,834
3 PRIOR FILING DATE: 2000-09-27
4 PRIOR APPLICATION NUMBER: 60/234,274
5 PRIOR FILING DATE: 2000-09-21
6 PRIOR APPLICATION NUMBER: 60/234,223
7 PRIOR FILING DATE: 2000-09-21
8 PRIOR APPLICATION NUMBER: 60/228,924
9 PRIOR FILING DATE: 2000-08-30
10 PRIOR APPLICATION NUMBER: 60/224,518
11 PRIOR FILING DATE: 2000-08-14
12 PRIOR APPLICATION NUMBER: 60/236,369
13 PRIOR FILING DATE: 2000-09-29
14 PRIOR APPLICATION NUMBER: 60/224,519
15 PRIOR FILING DATE: 2000-08-14
16 PRIOR APPLICATION NUMBER: 60/220,964
17 PRIOR FILING DATE: 2000-07-26
18 PRIOR APPLICATION NUMBER: 60/241,809
19 PRIOR FILING DATE: 2000-10-20
20 PRIOR APPLICATION NUMBER: 60/249,299
21 PRIOR FILING DATE: 2000-11-17
22 PRIOR APPLICATION NUMBER: 60/236,327
23 PRIOR FILING DATE: 2000-09-29
24 PRIOR APPLICATION NUMBER: 60/241,785
25 PRIOR FILING DATE: 2000-10-20
26 PRIOR APPLICATION NUMBER: 60/244,617
27 PRIOR FILING DATE: 2000-11-01
28 PRIOR APPLICATION NUMBER: 60/225,268
29 PRIOR FILING DATE: 2000-08-14
30 PRIOR APPLICATION NUMBER: 60/236,368
31 PRIOR FILING DATE: 2000-09-29
32 PRIOR APPLICATION NUMBER: 60/251,856
33 PRIOR FILING DATE: 2000-12-08
34 PRIOR APPLICATION NUMBER: 60/251,868
35 PRIOR FILING DATE: 2000-12-08
36 PRIOR APPLICATION NUMBER: 60/229,344
37 PRIOR FILING DATE: 2000-09-01
38 PRIOR APPLICATION NUMBER: 60/234,997
39 PRIOR FILING DATE: 2000-09-25
40 PRIOR APPLICATION NUMBER: 60/229,343
41 PRIOR FILING DATE: 2000-09-01
42 PRIOR APPLICATION NUMBER: 60/229,345
43 PRIOR FILING DATE: 2000-09-01
44 PRIOR APPLICATION NUMBER: 60/229,287
45 PRIOR FILING DATE: 2000-09-01
46 PRIOR APPLICATION NUMBER: 60/229,513
47 PRIOR FILING DATE: 2000-09-05
48 PRIOR APPLICATION NUMBER: 60/231,413
49 PRIOR FILING DATE: 2000-09-08
50 PRIOR APPLICATION NUMBER: 60/229,509
51 PRIOR FILING DATE: 2000-09-05
52 PRIOR APPLICATION NUMBER: 60/236,367
53 PRIOR FILING DATE: 2000-09-29
54 PRIOR APPLICATION NUMBER: 60/237,039
55 PRIOR FILING DATE: 2000-10-02
56 PRIOR APPLICATION NUMBER: 60/237,038
57 PRIOR FILING DATE: 2000-10-02
58 PRIOR APPLICATION NUMBER: 60/236,370
59 PRIOR FILING DATE: 2000-09-29
60 PRIOR APPLICATION NUMBER: 60/236,802
61 PRIOR FILING DATE: 2000-10-02
62 PRIOR APPLICATION NUMBER: 60/237,037
63 PRIOR FILING DATE: 2000-10-02
64 PRIOR APPLICATION NUMBER: 60/237,040
65 PRIOR FILING DATE: 2000-10-02
66 PRIOR APPLICATION NUMBER: 60/240,960
67 PRIOR FILING DATE: 2000-10-20
68 PRIOR APPLICATION NUMBER: 60/239,935
69 PRIOR FILING DATE: 2000-10-13
70 PRIOR APPLICATION NUMBER: 60/239,937
71 PRIOR FILING DATE: 2000-10-13
72 PRIOR APPLICATION NUMBER: 60/241,787
73 PRIOR FILING DATE: 2000-10-20
74 PRIOR APPLICATION NUMBER: 60/246,532
75 PRIOR FILING DATE: 2000-11-08
76 PRIOR APPLICATION NUMBER: 60/249,216
77 PRIOR FILING DATE: 2000-11-17
78 PRIOR APPLICATION NUMBER: 60/249,210
79 PRIOR FILING DATE: 2000-11-17
80 PRIOR APPLICATION NUMBER: 60/226,681
81 PRIOR FILING DATE: 2000-08-22
82 PRIOR APPLICATION NUMBER: 60/225,759
83 PRIOR FILING DATE: 2000-08-14
84 PRIOR APPLICATION NUMBER: 60/225,213
85 PRIOR FILING DATE: 2000-08-14
86 PRIOR APPLICATION NUMBER: 60/227,182
87 PRIOR FILING DATE: 2000-08-22
88 PRIOR APPLICATION NUMBER: 60/225,214
89 PRIOR FILING DATE: 2000-08-14
90 PRIOR APPLICATION NUMBER: 60/235,836
91 PRIOR FILING DATE: 2000-09-27
92 PRIOR APPLICATION NUMBER: 60/230,438
93 PRIOR FILING DATE: 2000-09-06
94 PRIOR APPLICATION NUMBER: 60/215,135
95 PRIOR FILING DATE: 2000-06-30
96 PRIOR APPLICATION NUMBER: 60/225,266
97 PRIOR FILING DATE: 2000-08-14
98 PRIOR APPLICATION NUMBER: 60/249,218
99 PRIOR FILING DATE: 2000-11-17
100 PRIOR APPLICATION NUMBER: 60/249,208
101 PRIOR FILING DATE: 2000-11-17
102 PRIOR APPLICATION NUMBER: 60/249,213
103 PRIOR FILING DATE: 2000-11-17
104 PRIOR APPLICATION NUMBER: 60/249,212
105 PRIOR FILING DATE: 2000-11-17
106 PRIOR APPLICATION NUMBER: 60/249,207
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108 PRIOR APPLICATION NUMBER: 60/249,245
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112 PRIOR APPLICATION NUMBER: 60/249,217
113 PRIOR FILING DATE: 2000-11-17
114 PRIOR APPLICATION NUMBER: 60/249,211
115 PRIOR FILING DATE: 2000-11-17
116 PRIOR APPLICATION NUMBER: 60/249,215
117 PRIOR FILING DATE: 2000-11-17
118 PRIOR APPLICATION NUMBER: 60/249,264
119 PRIOR FILING DATE: 2000-11-17
120 PRIOR APPLICATION NUMBER: 60/249,214
121 PRIOR FILING DATE: 2000-11-17
122 PRIOR APPLICATION NUMBER: 60/249,297
123 PRIOR FILING DATE: 2000-11-17
124 PRIOR APPLICATION NUMBER: 60/232,400
125 PRIOR FILING DATE: 2000-09-14
126 PRIOR APPLICATION NUMBER: 60/231,242
127 PRIOR FILING DATE: 2000-09-08
128 PRIOR APPLICATION NUMBER: 60/232,081
129 PRIOR FILING DATE: 2000-09-08
130 PRIOR APPLICATION NUMBER: 60/232,080
131 PRIOR FILING DATE: 2000-09-08
132 PRIOR APPLICATION NUMBER: 60/231,414
133 PRIOR FILING DATE: 2000-09-08
134 PRIOR APPLICATION NUMBER: 60/231,244
135 PRIOR FILING DATE: 2000-09-08
136 PRIOR APPLICATION NUMBER: 60/233,064
137 PRIOR FILING DATE: 2000-09-14
138 PRIOR APPLICATION NUMBER: 60/233,063
139 PRIOR FILING DATE: 2000-09-14
140 PRIOR APPLICATION NUMBER: 60/232,397
141 PRIOR FILING DATE: 2000-09-14
142 PRIOR APPLICATION NUMBER: 60/232,399
143 PRIOR FILING DATE: 2000-09-14
144 PRIOR APPLICATION NUMBER: 60/232,401

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; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/241,808
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,826
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,786
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,221
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,475
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/231,243
; PRIOR FILING DATE: 2000-09-08

Query Match      2.2%; Score 51.6; DB 1; Length 66;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 57; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 2251 TTTTGTACTTTTAGTAGACACGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCC 2310
Db 1 TTTTGTATTTTGTAGTAGACCGGGTTTCACCATATTGACGAGCTGGTCTCAAACTCC 60

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QY 2311 TGACCT 2316
 Db 61 TGACCT 66

RESULT 59
 US-10-131-827-4749
 ; Sequence 4749, Application US/10131827
 ; Publication No. US20040009479A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wohlgemuth, Jay
 ; APPLICANT: Fry, Kirk
 ; APPLICANT: Woodward, Robert
 ; APPLICANT: Ly, Ngoc
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
 ; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
 ; FILE REFERENCE: 506612080120
 ; CURRENT APPLICATION NUMBER: US/10/131.827
 ; PRIOR FILING DATE: 2002-09-06
 ; PRIOR APPLICATION NUMBER: US 10/006,290
 ; PRIOR FILING DATE: 2001-10-22
 ; PRIOR APPLICATION NUMBER: US 60/296,764
 ; PRIOR FILING DATE: 2001-06-08
 ; NUMBER OF SEQ ID NOS: 9090
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 4749
 ; LENGTH: 50
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-131-827-4749

	Query Match	2.1%	Score 50;	DB 1;	Length 50;
	Best Local Similarity	100.0%;	Pred. No. 30;		
	Matches 50;	Conservative	0;	Mismatches	0;
				Indels	0;
				Gaps	0;
QY	1747	GACAACCAATTCAAATGATTGTGCTAACTATTATTTCCCTCTAGTTGACCTGT			1796
Db	1	GACAACCAATTCAAATGATTGTGCTAACTATTATTTCCCTCTAGTTGACCTGT			50

RESULT 60
US-09-920-300A-1171/c
; Sequence 1171, Application US/09920300A
; Patent No. US20020136728A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER

```

; FILE REFERENCE: 210121.547
; CURRENT APPLICATION NUMBER: US/09/920,300A
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 1789
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-920-300A-1171

Query Match      2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2233 CCACCACACTGCTCAATTTTGTACTTTTCTAGTAGACACAGGTTTCACCGTGTAG 2290
|||||
DB 58 CCACCACACCACCTAATTTTGTATCTTCTAGTAGACACGGGTTTCACCAATGTTGG 1

RESULT 61
US-10-033-528-1171/c
; Sequence 1171, Application US/10033528
; Publication No. US20020131971A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.547C1
; CURRENT APPLICATION NUMBER: US/10/033,528
; CURRENT FILING DATE: 2001-12-26
; NUMBER OF SEQ ID NOS: 1896
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-528-1171

Query Match      2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2233 CCACCACACTGCTCAATTTTGTACTTTTCTAGTAGACACAGGTTTCACCGTGTAG 2290
|||||
DB 58 CCACCACACCACCTAATTTTGTATCTTCTAGTAGACACGGGTTTCACCAATGTTGG 1

RESULT 62
US-10-099-926-1171/c
; Sequence 1171, Application US/10099926
; Publication No. US20030166064A1
; GENERAL INFORMATION:
; APPLICANT: King, Gordon E.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Xu, Jiangchun
; APPLICANT: Secrist, Heather
; APPLICANT: Jiang, Yuqiu
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121.547C2
; CURRENT APPLICATION NUMBER: US/10/099,926
; CURRENT FILING DATE: 2002-03-17
; NUMBER OF SEQ ID NOS: 1982
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1171
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-099-926-1171

```

Query Match 2.0%; Score 46.8; DB 1; Length 59;
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2233 CCACACACCTGGCTGAATTTTGTACTTTTAGTAGACAGACGGGTTTCACCGTGTAG 2290
|||||
Db 58 CCACACACCCAGCTAATTTTGTATCTTAGTAGACAGCGGGTTTCACCATGTGG 1

RESULT 63
US-10-349-143-3882
; Sequence 3882, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3882
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-10-349-143-3882

Query Match 2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 45;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTGACCTC 2317
|||||
Db 1 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTGACCTC 47

RESULT 64
US-10-333-429-535
; Sequence 535, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 535
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24

; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-10-333-429-535

Query Match 2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 45;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTGACCTC 2317
|||||
Db 1 ACAGGGTTTACCGTGTAGCAGATGGTCTCGATCTCTGACCTC 47

RESULT 65
US-10-813-638-152
; Sequence 152, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND MI
; TITLE OF INVENTION: USE THEREOF
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 152
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg40986905
US-10-813-638-152

Query Match 1.9%; Score 46.2; DB 1; Length 51;
Best Local Similarity 94.1%; Pred. No. 48;
Matches 48; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2258 ACTTTTAGTAGACAGACGGGTTTCACCGTGTAGCAGATGGTCTCGATCT 2308
|||||
Db 1 ATTTTAGTAGACAGCGGGTTTCACGTGTAGCAGATGGTCTCGATCT 51

RESULT 66
US-10-457-839-25/c
; Sequence 25, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 25
; LENGTH: 49

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-25

Query Match      1.9%; Score 44.2; DB 1; Length 49;
Best Local Similarity 93.9%; Pred. No. 60;
Matches 46; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2313 ACCTCGTATCGCCGACCTCCGGCTCCCAAAGTCTGGGATTACAGGC 2361
      |||||
Db 49 ACCTTGATCTGCCGCGCTCCGGCTCCCAAAGTCTGGGATTACAGGC 1

RESULT 67
US-09-922-225A-62
; Sequence 62, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-225A-62

Query Match      1.9%; Score 44.2; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 60;
Matches 46; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 2089 TTATTTTGTGAGACGAGTCTTGCTGTATCCAGGCTGGAGTGCAGT 2139
      |||||
Db 1 TTTTGTGAGACGAGTCTTAYTCTGTGTCAGGCTGGAGTGCAGT 51

RESULT 68
US-10-170-097-659/c
; Sequence 659, Application US/10170097
; Publication No. US20030228582A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIOMOLECULAR MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GEN-T114XC2D1
; CURRENT APPLICATION NUMBER: US/10/170,097
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/641,638
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele

; TYPE: DNA
; OTHER INFORMATION: 10-520-256 : polymorphic base C or T
US-10-170-097-659

Query Match      1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 72;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2274 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCCTGACCT 2316
      |||||
Db 43 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCCTGACCT 1

RESULT 69
US-09-860-670-233/c
; Sequence 233, Application US/09860670
; Patent No. US20020165137A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA127P1
; CURRENT APPLICATION NUMBER: US/09/860,670
; CURRENT FILING DATE: 2001-05-21
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 233
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-860-670-233

Query Match      1.8%; Score 42.6; DB 1; Length 49;
Best Local Similarity 91.8%; Pred. No. 72;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2267 AGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCCTGACC 2315
      |||||
Db 49 AGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCCTGACC 1

RESULT 70
US-10-227-646-233/c
; Sequence 233, Application US/10227646
; Publication No. US20030235829A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA127P1
; CURRENT APPLICATION NUMBER: US/10/227,646
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: US/09/860,670
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/205,515
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 233
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-227-646-233

Query Match      1.8%; Score 42.6; DB 1; Length 49;
Best Local Similarity 91.8%; Pred. No. 72;
Matches 45; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2267 AGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCCTGACC 2315
      |||||
Db 49 AGAGACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCCTGACC 1

RESULT 71
```

US-09-922-225A-52
; Sequence 52, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:

; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-225A-52

Query Match 1.8%; Score 42.6; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 72;
Matches 45; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTG 2320
|||||
Db 1 GACAGGGTTTACCATGTTGGCCAGSCTGGTCTCGAACTCTGACCTCATG 51

RESULT 72

US-10-349-143-646/c
; Sequence 646, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 646
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-1602-200 : polymorphic base G or C
US-10-349-143-646

Query Match 1.8%; Score 42.4; DB 1; Length 47;
Best Local Similarity 93.5%; Pred. No. 73;
Matches 43; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGGGTTTCCCGTGTAGCCAGGATGGTCTCGAT 2306
|||||
Db 47 TTTAGTAGACAGGGTTTCACTGTGTAGCCAGGATGGTCTCGAT 2

RESULT 73

US-10-813-638-67/c
; Sequence 67, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.

; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND ME
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 67
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43957170
US-10-813-638-67

Query Match 1.7%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 83;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACACACACCTGGCTAAATTTTGTACTTTTAGTAG 2268
|||||
Db 51 GACTACAGGCATGCCACACACACCTGGCTAAATTTTGTACTTTTAGTAG 1

RESULT 74

US-10-035-833A-743/c
; Sequence 743, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:

; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 743
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-743

Query Match 1.7%; Score 40.6; DB 1; Length 41;
Best Local Similarity 97.6%; Pred. No. 90;
Matches 40; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTGTGATCCGCCACCTCGGCCT 2338
|||||
Db 41 GGTCTCGATCTCTGACCTGTGATCCGCCACCTCGGCCT 1

RESULT 75

US-10-035-833A-6334/c
; Sequence 6334, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:

; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms

```
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6334
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-035-833A-6334

Query Match      1.7%; Score 40.6; DB 1; Length 41;
Best Local Similarity 97.6%; Pred. No. 90;
Matches 40; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGATCGGCTCGCCACCTCGGCCT 2338
Db 41 GGTCTCGATCTCTGACCTCGTGATCGGCTCGCCACCTCGGCCT 1

RESULT 76
US-10-393-815-32/c
; Sequence 32, Application US/10393815
; Publication No. US20030224413A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
; TITLE OF INVENTION: And Methods of Use Thereof
; FILE REFERENCE: 15966-534B
; CURRENT APPLICATION NUMBER: US/10/393,815
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 32
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43957170
; US-10-393-815-32

Query Match      1.7%; Score 40.4; DB 1; Length 51;
Best Local Similarity 88.0%; Pred. No. 93;
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2268 GAGACAGGGTTTCCACCGTTAGCCAGGATGGTCTCGATCTCTGACCTC 2317
Db 51 GAGACAGGGTTTCCACCATATTGGCCGGATGGTCTCGAATCTCTGACCTC 2

RESULT 77
US-09-922-225A-20/c
; Sequence 20, Application US/09922225A
; Publication No. US20030104385A1
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
; FILE REFERENCE: Associated with Bipolar Disorder
; FILE REFERENCE: P-EA 4672
; CURRENT APPLICATION NUMBER: US/09/922,225A
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
```

```
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-225A-20

Query Match      1.7%; Score 40; DB 1; Length 51;
Best Local Similarity 86.0%; Pred. No. 97;
Matches 43; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2311 TGACCTCGTGATCGGCCACCTCGGCTCGCCAAAGTGTCTGGATTACAGG 2360
Db 50 TGACCTCGTGATCGGCTGTCTGRCCTCCCAAGTACCGGGATTACAGG 1

RESULT 78
US-10-813-638-103/c
; Sequence 103, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND
; TITLE OF INVENTION: USE THEREOF
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; CURRENT FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 103
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43265754
; US-10-813-638-103

Query Match      1.7%; Score 39.8; DB 1; Length 51;
Best Local Similarity 86.3%; Pred. No. 99;
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTAGCCAGGATGGTCTCG 2304
Db 51 TTGTATTTTAGTAGAGATGGGTTGCACCATGTTGCCAGGCTGGTCTCG 1

RESULT 79
US-10-457-839-24/c
; Sequence 24, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 24
; LENGTH: 44
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-24

Query Match      1.7%; Score 39.2; DB 1; Length 44;
Best Local Similarity 93.2%; Pred. No. 1.1e+02;
Matches 41; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2316 TGTGATCGCCGCTCGGCTCCAAAGTCTGGGATTACAG 2359
Db 44 TTGTGATCTGCGCGCTCGGCTCCAAAGTCTGGGATTACAG 1

RESULT 80
US-10-457-839-15
; Sequence 15, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 15
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-15

Query Match      1.6%; Score 39; DB 1; Length 49;
Best Local Similarity 89.4%; Pred. No. 1.1e+02;
Matches 42; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCTCCAAAGTCTGGGATTACAGGATGAGCCACCG 2372
Db 1 CCCGTCTCGGCTCCCAAGTCTGGGATTACAGGTGTGAGCCATCG 47

RESULT 81
US-10-457-839-3/c
; Sequence 3, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 3
; LENGTH: 42
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-10-457-839-3

Query Match      1.6%; Score 37.8; DB 1; Length 42;
Best Local Similarity 95.1%; Pred. No. 1.2e+02;
Matches 39; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGCCGCTCGGCTCCCAAGTCTGGGATTACAG 2358
Db 41 GTGATCTGCGCGCTCGGCTCCCAAGTCTGGGATTACAG 1

RESULT 82
US-10-035-833A-382/c
; Sequence 382, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 382
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-382

Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2328 CACCTCGGCTCCCAAGTCTGGGATTACAGGATGAGCC 2368
Db 41 CGCCTCGGCTCCCAAGTCTGGGATTACAGGCGTGAGCC 1

RESULT 83
US-10-035-833A-742
; Sequence 742, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 742
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-742

Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2314 CCTCGTGTATCGCCGCTCGGCTCCCAAGTCTGGGAT 2354
Db 1 CCTCGTGTATCGCCGCTCGGCTCCCAAGTCTGGGAT 41

RESULT 84
```



```
US-10-035-833A-944
; Sequence 944, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 944
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-944
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 2304
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 41

RESULT 85
US-10-035-833A-6333
; Sequence 6333, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6333
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-6333
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 2304
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 41

RESULT 86
US-10-035-833A-6413/c
; Sequence 6413, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; NAME/KEY: allele

US-10-035-833A-944
; Sequence 944, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 944
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-944
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 2304
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 41

RESULT 87
US-10-035-833A-6954
; Sequence 6954, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6954
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-10-035-833A-6954
Query Match      1.6%; Score 37.4; DB 1; Length 41;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 2304
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 AGTAGACAGGGTTTCCCGTGTACCGATGCTCG 41

RESULT 88
US-10-349-143-2999
; Sequence 2999, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
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QY 2087 TATTATTTTTTTTGAGACCGAGTCTTGCTCTGTTACCCAGGCTGG 2131

```

: APPLICANT: Rosen et al.
: TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
: FILE REFERENCE: P4113C1
: CURRENT APPLICATION NUMBER: US/10/073,961
: CURRENT FILING DATE: 2002-03-05
: PRIOR APPLICATION NUMBER: 09/764,887
: PRIOR FILING DATE: 2001-01-17
: PRIOR APPLICATION NUMBER: 60/179,065
: PRIOR FILING DATE: 2000-01-31
: PRIOR APPLICATION NUMBER: 60/180,628
: PRIOR FILING DATE: 2000-02-04
: PRIOR APPLICATION NUMBER: 60/214,886
: PRIOR FILING DATE: 2000-06-28
: PRIOR APPLICATION NUMBER: 60/217,487
: PRIOR FILING DATE: 2000-07-11
: PRIOR APPLICATION NUMBER: 60/225,758
: PRIOR FILING DATE: 2000-08-14
: PRIOR APPLICATION NUMBER: 60/220,963
: PRIOR FILING DATE: 2000-07-26
: PRIOR APPLICATION NUMBER: 60/217,496
: PRIOR FILING DATE: 2000-07-11
: PRIOR APPLICATION NUMBER: 60/225,447
: PRIOR FILING DATE: 2000-08-14
: PRIOR APPLICATION NUMBER: 60/218,290
: PRIOR FILING DATE: 2000-07-14
: PRIOR APPLICATION NUMBER: 60/225,757
: PRIOR FILING DATE: 2000-08-14
: PRIOR APPLICATION NUMBER: 60/226,868
: PRIOR FILING DATE: 2000-08-22
: PRIOR APPLICATION NUMBER: 60/216,647
: PRIOR FILING DATE: 2000-07-07
: PRIOR APPLICATION NUMBER: 60/225,267
: PRIOR FILING DATE: 2000-08-14
: PRIOR APPLICATION NUMBER: 60/216,880
: PRIOR FILING DATE: 2000-07-07
: PRIOR APPLICATION NUMBER: 60/225,270
: PRIOR FILING DATE: 2000-08-14

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;
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
;
;
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/227,182
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,214
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/235,836
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/230,438
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/215,135
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/225,266
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/249,218
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,208
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,213
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,212
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,207
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,245
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,244
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,217
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,211
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,215
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,264
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,214
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,297
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/232,400
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/231,242
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/232,081
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/232,080
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/231,414
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/231,244
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/233,064
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/233,063
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,397
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,399
; PRIOR FILING DATE: 2000-09-14

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; PRIOR APPLICATION NUMBER: 60/232,401
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/241,808
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,826
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,786
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,221
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,475
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/231,243
; PRIOR FILING DATE: 2000-09-08

Query Match      1.5%; Score 35.4; DB 1; Length 45;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 39; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2087 TATTATTTTGGAGCCGAGTCTGCTCTGTACCCAGGCTGG 2131
Db 45 TTTTITTTTGGAGCCGAGTCTGCTCTGTGCTCCCGAGGCTGG 1

RESULT 93
US-10-035-833A-2976
; Sequence 2976, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saico, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2976
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2976

Query Match      1.5%; Score 34.8; DB 1; Length 41;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2092 TTTTITTTGAGACCGAGTCTGCTGTACCCAGGCTGG 2131
Db 1 TTTTITTTGAGATGGAGTCTGCTCTGTGCTCCCGAGGCTGG 40

RESULT 94
US-10-035-833A-5139
; Sequence 5139, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saico, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5139
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-5139

Query Match      1.5%; Score 34.8; DB 1; Length 41;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2092 TTTTITTTGAGACCGAGTCTGCTGTACCCAGGCTGG 2131
Db 1 TTTTITTTGAGATGGAGTCTGCTCTGTGCTCCCGAGGCTGG 40

RESULT 95
US-10-453-827-56/c
; Sequence 56, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-56

Query Match      1.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 1.8e+02;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2298 GGTCCTGATCTCTGACCTCGTGATCGCCACCTCGGCCT 2338
Db 41 GGCTTGAACCTCTTACCTCGTGATCCACCTCGGCCT 1

RESULT 96
US-10-198-069-47
; Sequence 47, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-47

Query Match      1.4%; Score 34.2; DB 1; Length 39;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 36; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 203
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-203

Query Match      1.4%; Score 33; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 2.1e+02;
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCTCGTGTATCCGCCACCTCGGCCT 2338
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 GGTCTGAACTCTTAACCTCATGATCCACCCACCTCGGCCT 1

RESULT 102
US-10-035-833A-901/c
; Sequence 901, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 901
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-901

Query Match      1.4%; Score 32.6; DB 1; Length 41;
Best Local Similarity 85.4%; Pred. No. 2.2e+02;
Matches 35; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGGCTTTCACCGTGTAGCC 2292
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 TTTTGTATTTTAGTAGAGAGGGTTTCGCCATGTTCGCC 1

RESULT 103
US-10-035-833A-6909/c
; Sequence 6909, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6909
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6909

Query Match      1.4%; Score 32.6; DB 1; Length 41;
Best Local Similarity 85.4%; Pred. No. 2.2e+02;
Matches 35; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGGCTTTCACCGTGTAGCC 2292
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 41 TTTTGTATTTTAGTAGAGAGGGTTTCGCCATGTTCGCC 1

RESULT 104
US-10-277-216-276/c
; Sequence 276, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277.216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequence
US-10-277-216-276

Query Match      1.3%; Score 32; DB 1; Length 41;
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2315 CTGCTGATCGCCACCTCGGCCTCCCAAAGTCTGGAT 2354
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 40 CTGCTGATCTCTCTACCCCGGCTTCCCAAAGTCTGGAT 1

RESULT 105
US-10-126-022-276/c
; Sequence 276, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequence
US-10-126-022-276

Query Match      1.3%; Score 32; DB 1; Length 41;
Best Local Similarity 87.5%; Pred. No. 2.4e+02;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2315 CTGCTGATCGCCACCTCGGCCTCCCAAAGTCTGGAT 2354
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 40 CTGCTGATCTCTCTACCCCGGCTTCCCAAAGTCTGGAT 1
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RESULT 106
US-10-035-833A-358/c
; Sequence 358, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 358
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-358

Query Match      1.3%; Score 31.6; DB 1; Length 41;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 34; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2302
      |||||
DB 41 TAGTAGAGACGGGGTTTCACGTTTGTGTCAGGCTGGTCT 2

RESULT 107
US-10-035-833A-6509/c
; Sequence 6509, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6509
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6509

Query Match      1.3%; Score 31.6; DB 1; Length 41;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 34; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2302
      |||||
DB 41 TAGTAGAGACGGGGTTTCACGTTTGTGTCAGGCTGGTCT 2

RESULT 108
US-10-035-833A-5315
; Sequence 5315, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904

Query Match      1.3%; Score 31.6; DB 1; Length 41;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 34; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGCGGTTTCACCGTGTAGCCAGGATGGTCT 2302
      |||||
DB 41 TAGTAGAGACGGGGTTTCACGTTTGTGTCAGGCTGGTCT 2

RESULT 109
US-10-035-833A-33/c
; Sequence 33, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-33

Query Match      1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2092 TTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGA 2132
      |||||
DB 41 TTTTTCAGATGAAGTCTCTGTCACCCCAAGCTGGA 1

RESULT 110
US-10-035-833A-3909/c
; Sequence 3909, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3909
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3909

Query Match      1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2092 TTTTTCAGACCGAGTCTGCTCTGTTACCCAGGCTGGA 2132
      |||||
DB 41 TTTTTCAGATGAAGTCTCTGTCACCCCAAGCTGGA 1

RESULT 109
US-10-035-833A-33/c
; Sequence 33, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-33

Query Match      1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 87.2%; Pred. No. 2.7e+02;
Matches 34; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2257 TACTTTTAGTAGACAGCGGTTTCACCGTGTAGCCAGG 2295
      |||||
DB 1 TATTTTAGTAGACAGCGGGTTTCACCATATTGCCAGG 39

Query Match      1.3%; Score 31; DB 1; Length 40;
Best Local Similarity 87.2%; Pred. No. 2.7e+02;
Matches 34; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

QY 2092 TTTTITGACCGAGCTGTGCTCTGTACCCAGGCTGGA 2132
|||||
Db 41 TTTTITGAGATGAAGCTTACTCTGTCAACCAAGCTGGA 1

RESULT 111
US-10-035-833A-6186
; Sequence 6186, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6186
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6186

Query Match 1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 2272 CAGGGTTTCAGCGTTAGCCAGGATGGTCTCGATCTCCG 2312
|||||
Db 1 CAGAGTTTCACCATGTTGGCYAGGCTGGTCTTGAATCCG 41

RESULT 112
US-10-035-833A-7054
; Sequence 7054, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7054
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7054

Query Match 1.3%; Score 31; DB 1; Length 41;
Best Local Similarity 82.9%; Pred. No. 2.7e+02;
Matches 34; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
QY 2195 GCCTCAGCCTCCCAATTAGCTTGGCTTACAGTCACTCTGCCA 2235
|||||
Db 1 GCCTCAGCCTCCCAAGTAGCTGGGAGTACTACAGGCGCCTGCCA 41

RESULT 113
US-10-353-033-11/c
; Sequence 11, Application US/10353033
; Publication No. US200302038A1
; GENERAL INFORMATION:
; APPLICANT: HITACHI, LTD.
; TITLE OF INVENTION: A genetic analysis method

; FILE REFERENCE: H200747
; CURRENT APPLICATION NUMBER: US/10/353,033
; CURRENT FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: JP 2002-121819
; PRIOR FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 16
; SEQ ID NO 11
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA template
US-10-353-033-11

Query Match 1.3%; Score 30.8; DB 1; Length 36;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 32; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 2305 ATCTCTGACCTCGTATCGCCACCTCGGCTCC 2340
|||||
Db 36 AACTCTTAACCTCGTATCGCCACCTCAGCTCC 1

RESULT 114
US-10-198-069-36
; Sequence 36, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-198-069-36

Query Match 1.3%; Score 29.8; DB 1; Length 33;
Best Local Similarity 93.9%; Pred. No. 3e+02;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2331 CTCGGCTCCCAAAGTCTGGATTACAGGCAT 2363
|||||
Db 1 CTCAGCTCCCAAAGTCTGGATTACAGGCGT 33

RESULT 115
US-09-764-887-551
; Sequence 551, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P4113
; CURRENT APPLICATION NUMBER: US/09/764,887
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658


```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 551
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-551

Query Match      1.2%; Score 28.8; DB 1; Length 32;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 30; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2250 TTTTTCCTACTTTAGTAGACAGCGGTTTCA 2281
Db      1 TTTTTCCTACTTTAGTAGACAGCGGTTTCA 32

RESULT 116
US-10-073-961-551
; Sequence 551, Application US/10073961
; Publication No. US20030077602A1
; GENERAL INFORMATION:
; APPLICANT: Roben et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P113C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519

; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
; PRIOR FILING DATE: 2000-08-14
```

```

Query Match      1.2%; Score 28.8; DB 1; Length 32;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 30; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2250 TTTTGTGACTTTTACTAGACAGGGTTTCA 2281
      |||||
Db       1 TTTTGTGATTTTGTAGACAGGGTTCCA 32

RESULT 117
US-10-415-247-14
; Sequence 14, Application US/10415247
; Publication No. US20040013655A1
; GENERAL INFORMATION:
; APPLICANT: Shiozawa, Shunichi
; TITLE OF INVENTION: Genome responsible for chronic rheumatoid arthritis,
; TITLE OF INVENTION: diagnostic method, pathogenicity judging method and
; TITLE OF INVENTION: detection-use diagnostic kit of chronic rheumatoid
; TITLE OF INVENTION: arthritis, and therapeutic method and medicine of
; TITLE OF INVENTION: chronic rheumatoid arthritis
; FILE REFERENCE: TLOPI-2
; CURRENT APPLICATION NUMBER: US/10/415,247
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: JP 2000-324296
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: JP 2001-90546
; PRIOR FILING DATE: 2001-3-27
; PRIOR APPLICATION NUMBER: JP 2001-99990
; PRIOR FILING DATE: 2001-3-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-415-247-14

Query Match      1.2%; Score 28.4; DB 1; Length 30;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2295 GATGGTCTCGATCTCCTGACCTCGTGATCC 2324
      |||||
Db       1 GATGGTCTTGATCTCTGACCTCGTGATCC 30

RESULT 118
US-10-415-247-15/c
; Sequence 15, Application US/10415247
; Publication No. US20040013655A1
; GENERAL INFORMATION:
; APPLICANT: Shiozawa, Shunichi
; TITLE OF INVENTION: Genome responsible for chronic rheumatoid arthritis,
; TITLE OF INVENTION: diagnostic method, pathogenicity judging method and
; TITLE OF INVENTION: detection-use diagnostic kit of chronic rheumatoid
; TITLE OF INVENTION: arthritis, and therapeutic method and medicine of
; TITLE OF INVENTION: chronic rheumatoid arthritis
; FILE REFERENCE: TLOPI-2
; CURRENT APPLICATION NUMBER: US/10/415,247
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: JP 2000-324296
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: JP 2001-90546
; PRIOR FILING DATE: 2001-3-27
; PRIOR APPLICATION NUMBER: JP 2001-99990
; PRIOR FILING DATE: 2001-3-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 30
; TYPE: DNA

```

```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-415-247-15

Query Match          1.2%; Score 28.4; DB 1; Length 30;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2295 GATGGTCTCGATCTCCTGACCTCGTGATCC 2324
      |||||||
Db 30 GATGGTCTTGATCTCCTGACCTCGTGATCC 1

RESULT 119
US-10-091-281-140/c
; Sequence 140, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-140

Query Match          1.2%; Score 28.4; DB 1; Length 32;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTGCTGGGATTACAGCGATGACCCACCG 2372
      |||||||
Db 32 AAGTGCTGGGATTACAGCGATGACCCACCG 3

RESULT 120
US-10-091-281-359/c
; Sequence 359, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 359
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-359

Query Match          1.2%; Score 28.4; DB 1; Length 32;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTGCTGGGATTACAGCGATGACCCACCG 2372
      |||||||
```

```
Db 32 AAGTGCTGGGATTACAGCGATGACCCACCG 3

RESULT 121
US-09-225-201-27
; Sequence 27, Application US/09225201
; Patent No. US20010007744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Bokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225.201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-225-201-27

Query Match          1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 920 GGAGATATGTTGTGAAGAGCAGTAGC 947
      |||||||
Db 1 GGAGATATGTTGTGAAGAGCAGTAGC 28

RESULT 122
US-09-225-201-28/c
; Sequence 28, Application US/09225201
; Patent No. US20010007744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Bokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
```

```

;
; ADDRESSE: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-225-201-28

Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1204 CTTAGCTGACTATTGGAATGCATTC 1231
Db 28 CTTAGCTGACTATTGGAATGCATTC 1

RESULT 123
US-09-764-891-9495/c
; Sequence 9495, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9495
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-9495

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3

RESULT 122
US-09-764-891-9495/c
; Sequence 9495, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9495
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-9495

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3
```

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RESULT 124
US-10-091-414-338/c
; Sequence 338, Application US/10091414
; Publication No. US20030224461A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PAIL6C1
; CURRENT APPLICATION NUMBER: US/10/091,414
; CURRENT FILING DATE: 2002-03-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 392
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 338
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-091-414-338

Query Match 1.2%; Score 27.8; DB 1; Length 33;
Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTGGAGTGCAGTGG 2141
Db 33 TCGCTCTGTTGCCAGGCTGGAGTGCAGTGG 3

RESULT 125
US-10-336-638-196
; Sequence 196, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 196
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1287
US-10-336-638-196

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 4.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCTCTCCCAAAGTCTGGGATTACAGG 2360
Db 1 TTGCGCTCTCCCAAAGYCTGGGATTACAGG 29

RESULT 126
US-10-336-638-513
; Sequence 513, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
```

; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 513
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GIUT4EX11 941
US-10-336-638-513

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 4.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2281 ACCGTGTTAGCCAGGATGCTCGATCTC 2309
Db 1 ACCATGTTAGCCAGGATGCTCGATCTC 29

RESULT 127

US-10-336-638-571
; Sequence 571, Application US/10336638
; Publication No. US2003010699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 571
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HSTSCGENE 3838
US-10-336-638-571

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 4.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2339 CCCAAAGTGTGGGATTACAGGCATGAGC 2367
Db 1 CCCAAAGTGTGGGATTACAGGCCTGAGC 29

RESULT 128

US-10-091-281-317/c
; Sequence 317, Application US/10091281

; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USBS THERBOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 317
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-317

Query Match 1.1%; Score 26.8; DB 1; Length 32;
Best Local Similarity 93.3%; Pred. No. 4.2e+02;
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2343 AAGTGTGGGATTACAGGCATGAGCCACCG 2372
Db 32 AAGTGTGGGATTACAGGTGTGAGCCACCG 3

RESULT 129

US-09-752-983-270/c
; Sequence 270, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 270:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-270

```
Query Match      1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTTATTAAAGTCTCTGGTGCA 440
Db 26 TGAAGTTATTAAAGTCTCTGGTGCA 1

RESULT 130
US-10-006-922-19
; Sequence 19, Application US/10006922
; Publication No. US20020197676A1
; GENERAL INFORMATION:
; APPLICANT: Lukyanov, Sergey A
; APPLICANT: Fradkov, Arcady F.
; APPLICANT: Labas, Yulii A.
; APPLICANT: Matz, Mikhail V.
; APPLICANT: Tetsikh, Alexey
; TITLE OF INVENTION: NO. US20020197676A1el Chromophores/Fluorophores and
; FILE REFERENCE: Methods for Using the Same
; CURRENT APPLICATION NUMBER: US/10/006,922
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/120,330
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: 09/457,898
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 09/458,144
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 09/458,477
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 09/457,556
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 09/444,338
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-006-922-19

Query Match      1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGTGACC 337
Db 1 ATGTGCAATACCAACATGCTGTGACC 26

RESULT 131
US-10-005-344-270/c
; Sequence 270, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
```

```
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-005-344-270

Query Match      1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTTATTAAAGTCTCTGGTGCA 440
Db 26 TGAAGTTATTAAAGTCTCTGGTGCA 1

RESULT 132
US-10-336-638-503
; Sequence 503, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 503
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 1005
US-10-336-638-503

Query Match      1.1%; Score 26; DB 1; Length 29;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATGACCCG 2372
Db 1 GTGCTGGATTACAGGCATGACCCG 28

RESULT 133
US-10-336-638-156
; Sequence 156, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
```

```
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 156
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC1EX1 1020
US-10-336-638-156

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGACAGAGGTTTCAC 2282
      ||||| ||| ||||| ||||| ||||| |||||
Db 1 TTGTAATTTTCAGTAKAGACAGAGGTTTCAC 29

RESULT 134
US-10-336-638-195
; Sequence 195, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 195
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1281
US-10-336-638-195

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGCCCTCCCAAGTCTGGGAT 2354
      ||||| ||||| ||||| ||||| |||||
Db 1 CCCGCTTGGCCCTCYCAAGTCTGGGAT 29

RESULT 135
US-10-336-638-512
; Sequence 512, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
```

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; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 512
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 935
US-10-336-638-512

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGCCAGGATGCTC 2303
      ||||| ||||| ||||| ||||| |||||
Db 1 GGTTCACCATGTGTCGCAAGTGGTCTC 29

RESULT 136
US-10-336-638-705
; Sequence 705, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 705
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PG1EX10 3186
US-10-336-638-705

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 4.9e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCACCTCGGCTCCCAAGTG 2347
      ||||| ||||| ||||| ||||| |||||
Db 1 TGATCTGCCGCTCGGCTCCCAAGTG 29

RESULT 137
US-09-214-371-69/c
; Sequence 69, Application US/09214371B
; Patent No. US20010018511A1
; GENERAL INFORMATION:
; APPLICANT: Lane, David
; APPLICANT: Bottger, Volker
; APPLICANT: Bottger, Angelica
```

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; APPLICANT: Pickesley, Stephen
; APPLICANT: Chene, Patrick
; APPLICANT: Hochkeppel, Heinz-Kurt
; APPLICANT: Garcia-Echeverria, Carlos
; APPLICANT: Furet, Pascal
; TITLE OF INVENTION: Inhibitors of the Interaction of p53 and MDM2
; FILE REFERENCE: 4-20937/A/PCT
; CURRENT APPLICATION NUMBER: US/09/214,371B
; CURRENT FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: PCT/EP97/03549
; PRIOR FILING DATE: 1997-07-04
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer DNA
US-09-214-371-69

Query Match      1.1%; Score 25.4; DB 1; Length 32;
Best Local Similarity 96.3%; Pred. No. 4.9e+02;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1764 ATTGTGCTAACTATTTCCTCCCTAGTTG 1790
Db 32 ATTGTGCTAACTATTTCCTCCCTAGCTG 6

RESULT 138
US-10-085-906-125
; Sequence 125, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-125

Query Match      1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 1 GAGACGAGTCTTGCTCTGTGCCCCAGGCT 30

RESULT 139
US-10-085-906-145/C
; Sequence 145, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul

```

```

; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-145

Query Match      1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 30 GAGACTGAGTCTTGCTCTGTGCCCCAGGCT 1

RESULT 140
US-10-085-906-299
; Sequence 299, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-299

Query Match      1.1%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTACCCAGGCT 2129
Db 1 GAGACGAGTCTTGCTCTGTGCCCCAGGCT 30

RESULT 141
US-09-752-983-271
; Sequence 271, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

```



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; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-271

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Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 355 CCACCTCACAGATTCAGCTTCGGA 379
Db 1 CCACCTCACAGATTCAGCTTCGGA 25

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RESULT 142
US-09-837-149-4
; Sequence 4, Application US/09837149
; Publication No. US20010046667A1
; GENERAL INFORMATION:
; APPLICANT: Cloyd, Miles W.
; APPLICANT: Chen, Jianmin
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for
; TITLE OF INVENTION: Integrated Retroviruses
; FILE REFERENCE: D6285
; CURRENT APPLICATION NUMBER: US/09/837,149
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: US 60/198,884
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer
; OTHER INFORMATION: primer for the Alu sequence in the human
; OTHER INFORMATION: chromosomal DNA
; US-09-837-149-4

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Query Match 1.1%; Score 25; DB 1; Length 25;

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```

Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2335 GCCTCCCAAGTCTGGGATTACAG 2359
Db 1 GCCTCCCAAGTCTGGGATTACAG 25

RESULT 143
US-10-005-344-271
; Sequence 271, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 271
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
; US-10-005-344-271

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Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 355 CCACCTCACAGATTCAGCTTCGGA 379
Db 1 CCACCTCACAGATTCAGCTTCGGA 25

RESULT 144
US-10-336-638-703
; Sequence 703, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 703
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: PGISEX10 3139
US-10-336-638-703

Query Match      1.1%; Score 25; DB 1; Length 29;
Best Local Similarity 92.6%; Pred. No. 5.1e+02;
Matches 25; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2274 GGGTTTCCCGTGTAGCCAGATGGT 2300
Db 3 GGAATTCACCGTGTAGCCAGATGGT 29

RESULT 145
US-10-085-906-236
; Sequence 236, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-236

Query Match      1.0%; Score 24.8; DB 1; Length 30;
Best Local Similarity 92.9%; Pred. No. 5.2e+02;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTGCTGTACC 2123
Db 1 TTTTGAGACCGAGTCTGCTGTGCC 28

RESULT 146
US-10-336-638-193
; Sequence 193, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 193
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: APOC4 1150
US-10-336-638-193

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGCATGAGCCAC 2370
Db 1 AAGTGTAGGATTAYAGGCGTGAGCCAC 28

RESULT 147
US-10-336-638-698
; Sequence 698, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 698
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3009
US-10-336-638-698

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2140 GGGTGATCTGGCTCACTGCAAGCTCTG 2167
Db 2 GCGTGATCTCGCYCACTGCAAGCTCTG 29

RESULT 148
US-10-336-638-704
; Sequence 704, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 704
```

```
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3140
US-10-336-638-704

Query Match      1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGATGTC 2301
      |||||||:|||||||
Db 2 GGATTCACCGTAVTAGCCAGGATGGTC 29

RESULT 149
US-09-044-602-1
; Sequence 1, Application US/09044602
; Publication No. US20020193325A1
; GENERAL INFORMATION:
; APPLICANT: DePinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/09/044,602
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-1

Query Match      1.0%; Score 24.2; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 964 CGCATCGAATCCGATCTTGATGCTGGT 992
      |||||||:|||||||
Db 1 CGCATCTAGACCGGATCTTGATGCTGGT 29

RESULT 150
US-10-424-630-1
; Sequence 1, Application US/10424630
; Publication No. US20030176350A1
; GENERAL INFORMATION:
; APPLICANT: DePinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/10/424,630
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US/09/044,602
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-1

Query Match      1.0%; Score 24.2; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 964 CGCATCGAATCCGATCTTGATGCTGGT 992
      |||||||:|||||||
```

```
Db 1 CGCATCTAGACCGGATCTTGATGCTGGT 29

RESULT 151
US-10-085-906-14
; Sequence 14, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-14

Query Match      1.0%; Score 24.2; DB 1; Length 30;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGTATCCAGGC 2128
      |||||||:|||||||
Db 1 GGGACAGAGTCTTGCTCTGTATCCAGGC 29

RESULT 152
US-10-746-547-75/c
; Sequence 75, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-75

Query Match      1.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1097 TGAAGAAGGACAAGAACTCTCAGA 1120
      |||||||:|||||||
Db 24 TGAAGAAGGACAAGAACTCTCAGA 1

RESULT 153
US-09-214-371-71
; Sequence 71, Application US/09214371B
```

```

; Patent No. US20010018511A1
;
; GENERAL INFORMATION:
; APPLICANT: Lane, David
; APPLICANT: Bottger, Volker
; APPLICANT: Bottger, Angelica
; APPLICANT: Picksley, Stephen
; APPLICANT: Chene, Patrick
; APPLICANT: Hochkeppel, Heinz-Kurt
; APPLICANT: Garcia-Echeverria, Carlos
; APPLICANT: Furet, Pascal
;
; TITLE OF INVENTION: Inhibitors of the Interaction of p53 and MDM2
;
; FILE REFERENCE: 4-20937/A/PCT
;
; CURRENT APPLICATION NUMBER: US/09/214.371B
;
; CURRENT FILING DATE: 1999-03-26
;
; PRIOR APPLICATION NUMBER: PCT/EP97/03549
;
; PRIOR FILING DATE: 1997-07-04
;
; NUMBER OF SEQ ID NOS: 83
;
; SOFTWARE: PatentIn Ver. 2.0
;
; SEQ ID NO 71
;
; LENGTH: 27
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence:primer DNA
;
; US-09-214-371-71

```

```

Query Match      1.0%; Score 24; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. NO. 5.7e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1191 GATCCTGAAATTTCTTAGCTGAC 1214
      |||||
Db 4 GATCCTGAAATTTCTTAGCTGAC 27

```

```

RESULT 154
US-10-336-638-706
/ Sequence 706, Application US/10336638
/ Publication No. US20030170699A1
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/10/336,638
/ CURRENT FILING DATE: 2003-01-02
/ PRIOR APPLICATION NUMBER: US/09/304,232
/ PRIOR FILING DATE: 1999-05-03
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 706
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3214
US-10-336-638-706

```

```

Query Match      1.0%; Score 24; DB 1; Length 29;
Best Local Similarity 92.3%; Pred.No. 5.7e+02;
Matches 24; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2347  GCTGGGATTACAGGCATGAGCCACCG 2372
          |||||
Db       1    GCTGGGATTACAGGYGTGAGCCACCG 26

```

```

RESULT 155
US-10-336-638-79/c
; Sequence 79, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AELEX20 1679
US-10-336-638-79

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.3%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 2098 TTGAGACCGAGTCTTGCTCTGTGTACCCAG 2126
Db 29 TTGAGACAGGGTCTGCTCTGTGTGCCAG 1

```

```

RESULT 156
US-10-336-638-158
/ Sequence 158, Application US/10336638
/ Publication No. US20030170699A1
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/10/336,638
/ CURRENT FILING DATE: 2003-01-02
/ PRIOR APPLICATION NUMBER: US/09/304,232
/ PRIOR FILING DATE: 1999-05-03
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 158
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: APOC1EX1 1057
US-10-336-638-158

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      2303 CGATCTCTTGACCTCGTGTGATCCGCCACC 2331
          ||||| : |||||

```

Db 1 CGATCTCTGACTTGTGTGATCCGCGCTGCC 29

RESULT 157

US-10-336-638-185/c
; Sequence 185, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 185
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1975
US-10-336-638-185

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2110 CTGCTCTGTATCCAGGCTGGAGTGCGAG 2138

Db 29 CTCCTCTGTACACAGGCTGGAGTGCGAG 1

RESULT 158

US-10-336-638-514
; Sequence 514, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 514
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 963
US-10-336-638-514

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2303 CGATCTCTGACCTCGTGATCCGCCACC 2331

Db 1 CGATCTCTGACCTGTGTGATCGCTGCC 29

RESULT 159

US-10-336-638-589/c
; Sequence 589, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 589
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IAPPEX3 848
US-10-336-638-589

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2105 CGAGTCTGTCTGTATCCAGGCTGGAG 2133

Db 29 CGAGTCTCACTCTGTGACCCAGGCTGGAG 1

RESULT 160

US-10-336-638-685/c
; Sequence 685, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 685
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 1500
US-10-336-638-685

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACCGTGTGTAGCCAGG 2295
|||||
DB 29 AGAGACAGGGGTTTCRCCTGTTGGCCAGG 1
|||||

RESULT 161
US-10-085-906-41
; Sequence 41, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-41

Query Match 1.0%; Score 23.8; DB 1; Length 30;
Best Local Similarity 92.6%; Pred. No. 5.8e+02;
Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGCACTGG 2141
|||||
DB 4 TCTGTTGCCCTGGCTGGAGTGCACTGG 30
|||||

RESULT 162
US-10-085-906-65
; Sequence 65, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-65

Query Match 1.0%; Score 23.6; DB 1; Length 30;

Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2100 GAGACCGAGTCTTCTCTGTGTACCCAGGCT 2129
|||||
DB 1 GAGAGGAGTCTTCTCTGTGTGCGCCAGGCT 30
|||||

RESULT 163
US-10-085-906-77
; Sequence 77, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-77

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2264 AGTAGACAGAGGGTTTCACCGTGTGTAGCCA 2293
|||||
DB 1 AGTAGAGATGGGGTTTCACCATGTGTGCCA 30
|||||

RESULT 164
US-10-085-906-95
; Sequence 95, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 95
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-95

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;

Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2100 GAGACCGAGTCTGCTGTTACCCAGGCT 2129
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 GAGACAGAATCTTACTCTGTTGCCAGGCT 30

RESULT 165

US-10-085-906-188
; Sequence 188, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-188

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2101 AGACCGAGTCTGCTGTTACCCAGGCTG 2130
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 AGACAAAGTCTGCTGTTGCCAGGCTG 30

RESULT 166

US-09-992-665-179
; Sequence 179, Application US/09992665
; Publication No. US20030092009A1
; GENERAL INFORMATION:
; APPLICANT: Kaia Palm
; TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
; FILE REFERENCE: CEMINES.002A
; CURRENT APPLICATION NUMBER: US/09/992,665
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 60/249,508
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 380
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe
US-09-992-665-179

Query Match 1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2341 CAAAGTCTGGATTACAGGATGA 2365
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1 CAAAGTCTGGATTACAGGCGTGA 25

RESULT 167

US-10-085-906-524/c
; Sequence 524, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 524
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-524

Query Match 1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2249 ATTTTGTACTTTTAGTAGAGACA 2273
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 25 ATTTTGTACTTTTAGTAGAGACA 1

RESULT 168

US-10-072-012-921
; Sequence 921, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shinkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Beha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514

;; PRIOR FILING DATE: 2001-01-31
;; PRIOR APPLICATION NUMBER: 60/265,517
;; PRIOR FILING DATE: 2001-01-31
;; PRIOR APPLICATION NUMBER: 60/265,412
;; PRIOR FILING DATE: 2001-01-31
;; PRIOR APPLICATION NUMBER: 60/265,395
;; PRIOR FILING DATE: 2001-01-31
;; PRIOR APPLICATION NUMBER: 60/266,406
;; PRIOR FILING DATE: 2001-02-02
;; PRIOR APPLICATION NUMBER: 60/266,767
;; PRIOR FILING DATE: 2001-02-05
;; PRIOR APPLICATION NUMBER: 60/267,057
;; PRIOR FILING DATE: 2001-02-07
;; PRIOR APPLICATION NUMBER: 60/266,975
;; PRIOR FILING DATE: 2001-02-07
;; PRIOR APPLICATION NUMBER: 60/267,459
;; PRIOR FILING DATE: 2001-02-08
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 1391
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 921
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: NOV22c Primer
;; OTHER INFORMATION: 2
US-10-072-012-921

Query Match 1.0%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2295 GATGCTCGATCTCTGACCTGCT 2319
DB 1 GATGCTCGATCTCTGACCTCTT 25

RESULT 169
US-10-085-906-400/c
;; Sequence 400, Application US/10085906
;; Publication No. US20030054371A1
;; GENERAL INFORMATION:
;; APPLICANT: Ying, Vincent
;; APPLICANT: Wu, Paul
;; APPLICANT: Gray, Gary S.
;; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
;; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
;; FILE REFERENCE: GNN-5343CP2
;; CURRENT APPLICATION NUMBER: US/10/085,906
;; CURRENT FILING DATE: 2002-02-27
;; PRIOR APPLICATION NUMBER: US 60/126,215
;; PRIOR FILING DATE: 1999-03-25
;; PRIOR APPLICATION NUMBER: US 09/534,061
;; PRIOR FILING DATE: 2000-03-24
;; PRIOR APPLICATION NUMBER: PCT/US00/07938
;; PRIOR FILING DATE: 2000-03-24
;; NUMBER OF SEQ ID NOS: 545
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 400
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-085-906-400

Query Match 1.0%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 6.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2241 CTGCTAATTTTGTACTTTTAG 2265
DB 25 CTGCTAATTTTGTATTTTAG 1

RESULT 170
US-10-483-958-78/c
;; Sequence 78, Application US/10483958
;; Publication No. US20040254363A1
;; GENERAL INFORMATION:
;; APPLICANT: PRICE FOUNDATION LIMITED
;; APPLICANT: YEAGER, Meredith
;; APPLICANT: BERGEN, Andrew W.
;; TITLE OF INVENTION: GENES AND SNPs ASSOCIATED WITH EATING DISORDERS
;; FILE REFERENCE: 53061-5005-US
;; CURRENT APPLICATION NUMBER: US/10/483,958
;; CURRENT FILING DATE: 2004-01-16
;; PRIOR APPLICATION NUMBER: PCT/US02/22555
;; PRIOR FILING DATE: 2002-07-16
;; PRIOR APPLICATION NUMBER: US 60/305,153
;; PRIOR FILING DATE: 2001-07-16
;; PRIOR APPLICATION NUMBER: US 60/306,440
;; PRIOR FILING DATE: 2001-07-20
;; PRIOR APPLICATION NUMBER: US 60/331,285
;; PRIOR FILING DATE: 2001-11-13
;; PRIOR APPLICATION NUMBER: US 60/340,843
;; PRIOR FILING DATE: 2001-12-19
;; PRIOR APPLICATION NUMBER: US 60/340,844
;; PRIOR FILING DATE: 2001-12-19
;; NUMBER OF SEQ ID NOS: 98
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 78
;; LENGTH: 29
;; TYPE: DNA
;; ORGANISM: Artificial sequence
;; FEATURE:
;; OTHER INFORMATION: OPRI probe: VIC and MGB tagged
US-10-483-958-78

Query Match 1.0%; Score 23.2; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 6.2e+02;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2249 ATTTTGTACTTTTAGTAGACAGG 2276
DB 28 AATTTTGTACTTTTAGTAAGATAGG 1

RESULT 171
US-09-884-898-4/c
;; Sequence 4, Application US/09884898
;; Patent No. US20020016362A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosen, Glenn D.
;; APPLICANT: Lennox, Edwin S.
;; APPLICANT: Musser, John H.
;; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
;; FILE OF INVENTION: ANTI-PROLIFERATIVE AGENT
;; FILE REFERENCE: STAN096DIV
;; CURRENT APPLICATION NUMBER: US/09/884,898
;; CURRENT FILING DATE: 2001-06-19
;; PRIOR APPLICATION NUMBER: 09/385,917
;; PRIOR FILING DATE: 1999-08-30
;; NUMBER OF SEQ ID NOS: 8
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 4
;; LENGTH: 23
;; TYPE: DNA
;; ORGANISM: H. sapiens
US-09-884-898-4

Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1374 GAGGCGCTTGTCTCTGATTG 1396


```

Db      23 GAGGCTTTGATGTTCTCGATTG 1

RESULT 172
US-10-340-101-4/c
; Sequence 4, Application US/10340101
; Publication No. US20030139439A1
; GENERAL INFORMATION:
; APPLICANT: ROSSEN, GLENN D.
; APPLICANT: LENNOX, EDWIN S.
; APPLICANT: MUSSEY, JOHN H.
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: STAN096DIV
; CURRENT APPLICATION NUMBER: US/10/340,101
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/884,898
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-340-101-4

Query Match      1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1374 GAGGCTTTGATGTTCTCGATTG 1396
          |||||
Db      23 GAGGCTTTGATGTTCTCGATTG 1

RESULT 173
US-10-446-241-4/c
; Sequence 4, Application US/10446241
; Publication No. US20030206861A1
; GENERAL INFORMATION:
; APPLICANT: ROSSEN, GLENN D.
; APPLICANT: LENNOX, EDWIN S.
; APPLICANT: MUSSEY, JOHN H.
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: STAN096CIP
; CURRENT APPLICATION NUMBER: US/10/446,241
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US/09/935,794
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-446-241-4

Query Match      1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1374 GAGGCTTTGATGTTCTCGATTG 1396
          |||||
Db      23 GAGGCTTTGATGTTCTCGATTG 1

RESULT 174
US-10-758-307-331/c
; Sequence 331, Application US/10758307
; Publication No. US20040209290A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: COBLEIGH, MELODY
; APPLICANT: SHAK, STEVEN
; APPLICANT: BAKER, JOFFRE
; APPLICANT: CRONIN, MAUREEN
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; TITLE OF INVENTION: CANCER PROGNOSIS
; FILE REFERENCE: 39740/0008 US
; CURRENT APPLICATION NUMBER: US/10/758,307
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,861
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 331
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse primer
US-10-758-307-331

Query Match      1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1000 AACATTCAGGTGATGTTGGAT 1022
          |||||
Db      23 AACATTCAGGTGATGTTGGAT 1

RESULT 175
US-10-758-307-332/c
; Sequence 332, Application US/10758307
; Publication No. US20040209290A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: COBLEIGH, MELODY
; APPLICANT: SHAK, STEVEN
; APPLICANT: BAKER, JOFFRE
; APPLICANT: CRONIN, MAUREEN
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; TITLE OF INVENTION: CANCER PROGNOSIS
; FILE REFERENCE: 39740/0008 US
; CURRENT APPLICATION NUMBER: US/10/758,307
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,861
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 332
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe
US-10-758-307-332

Query Match      1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      975 CCGATCTTCATGCTGTTGAAG 997
          |||||
Db      23 CCGATCTTCATGCTGTTGAAG 1

RESULT 176
US-10-758-307-331/c

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```
US-10-269-021B-10
; Sequence 10, Application US/10269021B
; Publication No. US20040009156A1
; GENERAL INFORMATION:
; APPLICANT: Annette Walter
; APPLICANT: Christoph Reinhard
; TITLE OF INVENTION: Antisense Therapy Using Oligonucleotides
; FILE REFERENCE: 17460.002
; CURRENT APPLICATION NUMBER: US/10/269,021B
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/328,444
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human kinesin antisense oligonucleotide
US-10-269-021B-10

Query Match      1.0%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGAGCCACCG 2372
Db 1 GGGATTACAGGCATGAGCCACCG 23

RESULT 177
US-10-793-389-11
; Sequence 11, Application US/10793389
; Publication No. US20040216178A1
; GENERAL INFORMATION:
; APPLICANT: Steinman, Heather N
; APPLICANT: Jones, Stephen N
; TITLE OF INVENTION: REGULATION OF MDM2 FUNCTION
; FILE REFERENCE: 07917-199001
; CURRENT APPLICATION NUMBER: US/10/793,389
; CURRENT FILING DATE: 2004-03-03
; PRIOR APPLICATION NUMBER: US 60/451,525
; PRIOR FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR primer based on M. musculus sequence of mdm2
US-10-793-389-11

Query Match      1.0%; Score 23; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGT 334
Db 1 ATGTGCAATACCAACATGCTGT 23

RESULT 178
US-10-172-741-10
; Sequence 10, Application US/10172741
; Publication No. US20030124660A1
; GENERAL INFORMATION:
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Ossina, Natalya K.
; TITLE OF INVENTION: BAK PROMOTER EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 14
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAR BIOTECHNOLOGY INC.
; STREET: 3095 Richmond Parkway, Suite 213
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/172,741
; FILING DATE: 13-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/367,750
; FILING DATE: 07-DEC-1999
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Theresa A.
; REGISTRATION NUMBER: 32,547
; REFERENCE/DOCKET NUMBER: 4147-14-PUS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-172-741-10

Query Match      1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 6.5e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2264 AGTAGAGACAGGGTTTCACCGTGTTA 2289
Db 1 AGTAGAGACGGGGTTTCACCATGTTA 26

RESULT 179
US-10-336-638-511
; Sequence 511, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 511
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 930
US-10-336-638-511
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; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 59
; TYPE: DNA
; ORGANISM: homo sapien
US-10-872-113-59

Query Match          0.9%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2301 CTCGATCTCCTGACCTCGTGATCC 2324
Db 1 CTCGATTTCTGACCTCGTGATCC 24

RESULT 184
US-10-394-485-10/c
; Sequence 10, Application US/10394485
; Publication No. US20040091889A1
; GENERAL INFORMATION:
; APPLICANT: Peruchio, Manuel
; APPLICANT: Peinado, Miguel A
; APPLICANT: Ionov, Yuri
; APPLICANT: Malkhosyan, Sergei
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; TITLE OF INVENTION: Identification of Neoplasms by Detection of Genetic Insertions
; FILE REFERENCE: 4121.0366-01000
; CURRENT APPLICATION NUMBER: US/10/394,485
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US 08/579,445
; PRIOR FILING DATE: 1995-12-27
; PRIOR APPLICATION NUMBER: US 08/152,484
; PRIOR FILING DATE: 1993-11-12
; PRIOR APPLICATION NUMBER: US 07/975,737
; PRIOR FILING DATE: 1992-11-13
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-394-485-10

Query Match          0.9%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTAGTAGACAGCGGTTTACC 2283
Db 24 TTTAGTAGACAGGATTTACC 1

RESULT 185
US-10-336-638-183/c
; Sequence 183, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 183
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1817
US-10-336-638-183

Query Match          0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAGCCAGGATG 2298
Db 29 GATGGGGTTTCACCGTGTAGCCAGGTTG 1

RESULT 186
US-10-336-638-209/c
; Sequence 209, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2345
US-10-336-638-209

Query Match          0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2222 ACAGTCATCTGCCACACACCTGGCTAAT 2250
Db 29 ACAGGCATCTGCCATCATCGCGCTAAT 1

RESULT 187
US-10-336-638-210/c

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[illegible][illegible]

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RESULT 195
US-10-446-241-3
; Sequence 3, Application US/10446241
; Publication No. US20030206861A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin H.
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
; TITLE OF INVENTION: Anti-Proliferative Agent
; FILE REFERENCE: STAN096CIP
; CURRENT APPLICATION NUMBER: US/10/446,241
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US/09/935,794
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-446-241-3

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 639 GTCAATCAGCAGGAATCATCGG 660
Db 1 GTCAATCAGCAGGAATCATCGG 22

RESULT 196
US-10-452-510-275/c
; Sequence 275, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-275

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCCTCAGCCTCCCAA 1

RESULT 197
US-10-446-241-3
; Sequence 3, Application US/10446241
; Publication No. US20030206861A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin H.
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
; TITLE OF INVENTION: Anti-Proliferative Agent
; FILE REFERENCE: STAN096CIP
; CURRENT APPLICATION NUMBER: US/10/446,241
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US/09/935,794
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-446-241-3

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCCTCAGCCTCCCAA 1

RESULT 197

```

```

US-10-617-334-275/c
; Sequence 275, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-275

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCCTCAGCCTCCCAA 1

RESULT 198
US-10-744-465-275/c
; Sequence 275, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-275

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCCTCAGCCTCCCAA 1

RESULT 199
US-10-452-510-275/c
; Sequence 275, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-275

Query Match      0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCCTCAGCCTCCCAA 1

RESULT 199

```

QY 2188 TTCTCTGCTCAGCCTCCCA 2209
|||||
Db 22 TTCTCTGCTCAGCCTCCCA 1

RESULT 199

US-10-833-679-275/c
; Sequence 275, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-275

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCCTCCCA 2209
|||||
Db 22 TTCTCTGCTCAGCCTCCCA 1

RESULT 200

US-10-746-547-81/c
; Sequence 81, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 81
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-81

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 425 AAAGTCTGTTGGTGACAAAA 446
|||||
Db 22 AAAGTCTGTTGGTGACAAAA 1

RESULT 201

US-10-010-802-391
; Sequence 391, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
; TITLE OF INVENTION: 4 Receptor Alpha Gene
; FILE REFERENCE: MMH-0002052 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 391
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-391

Query Match 0.9%; Score 22; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2233 CCACCACCTGGCTAATTTT 2254
|||||
Db 1 CCACCACCTGGCTAATTTT 22

RESULT 202

US-10-293-048-12/c
; Sequence 12, Application US/10293048
; Publication No. US20030143599A1
; GENERAL INFORMATION:
; APPLICANT: Makarov, Vladimir
; APPLICANT: Kamberov, Emmanuel
; APPLICANT: Sleptsova, Irina
; APPLICANT: Bruening, Eric
; TITLE OF INVENTION: DNA Amplification and Sequencing Using DNA Molecules Created by R
; TITLE OF INVENTION: Fragmentation
; FILE REFERENCE: RUBC:020US
; CURRENT APPLICATION NUMBER: US/10/293,048
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/338,224
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-293-048-12

Query Match 0.9%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2286 GTTAGCAGGATGCTCGATC 2307


```

Db      22 GTTAGCCAGGATGCTCGATC 1
|||||
RESULT 203
US-10-336-638-181/c
; Sequence 181, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 181
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1736
US-10-336-638-181

Query Match      0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2349 TGGGATTACAGGCATGATGCCACCG 2372
|||||
Db      29 TGGGATTACAGGCATGATGCCACTG 6
|||||
RESULT 204
US-10-336-638-509
; Sequence 509, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 509
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 884
US-10-336-638-509

Query Match      0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2231 TGCACACACACCTGGCTAAATTTT 2254
|||||
Db      6 TGCACACACACCTGGCTAAATTTAT 29
|||||
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

RESULT 205
US-10-051-874-260
; Sequence 260, Application US/10051874
; Publication No. US20040005557A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Alsobrook II, John P
; APPLICANT: Colman, Steven D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Boldog, Ferenc
; APPLICANT: Vernet, Corine AM
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Casman, Stacie J
; APPLICANT: Guo, Xiaojia Saha
; APPLICANT: Edinger, Shlomit R
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard A
; APPLICANT: Pena, Carol EA
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Millet, Isabelle
; APPLICANT: Miller, Charles E
; APPLICANT: Lepley, Denise M
; APPLICANT: Smithson, Glenda
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Herrman, John L
; APPLICANT: Peyman, John A
; APPLICANT: Gorman, Linda
; APPLICANT: Mezes, Peter D
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grosse, William M
; APPLICANT: Liu, Xiaohong
; APPLICANT: Ellerman, Karen
; APPLICANT: Rothenberg, Mark
; APPLICANT: Stone, David J
; APPLICANT: Burgess, Catherine E
; TITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; FILE REFERENCE: 21402-245
; CURRENT APPLICATION NUMBER: US/10/051,874
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/268,595
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/325,306
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/262,587
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/272,409
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/262,454
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/276,777
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/291,672
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/330,336
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/265,530
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/261,376
; PRIOR FILING DATE: 2001-01-16

```

NUMBER OF SEQ ID NOS: 269
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 260
 LENGTH: 23

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: PCR Primer

OTHER INFORMATION: Sequence

US-10-051-874-260

Query Match 0.9%; Score 21.4; DB 1; Length 23;
 Best Local Similarity 95.7%; Pred. No. 7.6e+02;
 Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 TTGTGACGAGTCTGTCTGT 2119

Db 1 TTGTGACGAGTCTGTCTGT 23

RESULT 206

US-10-374-077-30/c

Sequence 30, Application US/10374077

Publication No. US20040006779A1

GENERAL INFORMATION:

APPLICANT: Fu, Ying-Hui

Yu, Chang-En

Oshima, Junko

Mulligan, John T.

Schellenberg, Gerald D.

TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO

WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/374,077

FILING DATE: 25-Feb-2003

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Rosenman, Stephen

REGISTRATION NUMBER: 43,058

REFERENCE/DOCKET NUMBER: 100107.401D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 30:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 30:

US-10-374-077-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;
 Best Local Similarity 95.7%; Pred. No. 7.6e+02;
 Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGGATTACA 2358

Db 23 CCTCCCAAGTGTGGGATTACA 1

RESULT 207

US-10-282-174-419/c

Sequence 419, Application US/10282174

Publication No. US20030224380A1

GENERAL INFORMATION:

APPLICANT: Becker, Kenneth David

APPLICANT: Velicelebi, Gonul

APPLICANT: Elliot, Kathryn J.

APPLICANT: Wang, Xin

APPLICANT: Tanzi, Rudolph E.

APPLICANT: Bertram, Lars

APPLICANT: Saunders, Aleister J.

APPLICANT: Mullin, Kristina M.

APPLICANT: Sampson, Andrew Johnson

APPLICANT: Blacker, Deborah Lynne

TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10

ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER

TITLE OF INVENTION: NEURODEGENERATIVE DISEASES

FILE REFERENCE: 37481-3308

CURRENT APPLICATION NUMBER: US/10/282,174

CURRENT FILING DATE: 2002-10-25

PRIOR APPLICATION NUMBER: US 60/339,525

PRIOR FILING DATE: 2001-10-25

PRIOR APPLICATION NUMBER: US 60/338,010

PRIOR FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: US 60/336,929

PRIOR FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: US 60/338,363

PRIOR FILING DATE: 2001-11-09

PRIOR APPLICATION NUMBER: US 60/337,052

PRIOR FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 60/368,919

NUMBER OF SEQ ID NOS: 564

SOFTWARE: Fast-Seq for Windows Version 4.0

SEQ ID NO 419

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-282-174-419

Query Match 0.9%; Score 21.4; DB 1; Length 24;

Best Local Similarity 95.7%; Pred. No. 7.5e+02;

Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2261 TTGTAGTAGACAGGGTTTCACC 2283

Db 23 TTGTAGTAGACAGGGTTTCACC 1

RESULT 208

US-09-888-056A-15

Sequence 15, Application US/09888056A

Publication No. US20030124524A1

GENERAL INFORMATION:

APPLICANT: KORNMAN, KENNETH S.

APPLICANT: DUFF, GORDON W.

TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE

FILE REFERENCE: MSA-023.01

CURRENT APPLICATION NUMBER: US/09/888,056A

CURRENT FILING DATE: 2002-05-06

PRIOR APPLICATION NUMBER: 60/213,853

PRIOR FILING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 15

LENGTH: 25

TYPE: DNA

ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer:
US-09-888-056A-15

Query Match 0.9%; Score 21.4; DB 1; Length 25;
Best Local Similarity 95.7%; Pred. No. 7.5e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2350 GGGATTACAGCGTCGAGCCACCG 2372
Db 1 GGGATTACAGCGTCGAGCCACCG 23

RESULT 209
US-09-752-983-269
; Sequence 269, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 269:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-269

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 307 GGCAAAATGTCAATACCAACA 327
Db 1 GGCAAAATGTCAATACCAACA 21

RESULT 210
US-09-740-668A-53/c
; Sequence 53, Application US/09740668A
; Patent No. US20020076700A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard

; TITLE OF INVENTION: No. US20020076700A1el polypeptides and nucleic acids encoding as
; FILE REFERENCE: 15966-537 CIP
; CURRENT APPLICATION NUMBER: US/09/740,668A
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: PCT/US99/29584
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: 09/465,512
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: 60/113,485
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/112,837
; PRIOR FILING DATE: 1998-12-18
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2826468 expression forward primer
US-09-740-668A-53

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2300 TCTCGATCTCTGACCTCGTG 2320
Db 21 TCTCGATCTCTGACCTCGTG 1

RESULT 211
US-09-541-848-22
; Sequence 22, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S7-3
US-09-541-848-22

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1007 AGGTGATTGTTGGATCAGGA 1027
Db 1 AGGTGATTGTTGGATCAGGA 21

RESULT 212
US-09-541-848-44/c
; Sequence 44, Application US/09541848
; Publication No. US20030119765A1

GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide AS7-3
US-09-541-848-44

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1007 AGGTGATTGGTTGGATCAGGA 1027
|||||
DB 21 AGGTGATTGGTTGGATCAGGA 1

RESULT 213
US-10-006-922-20/c
Sequence 20, Application US/10006922
Publication No. US20020197676A1
GENERAL INFORMATION:
APPLICANT: Lukyanov, Sergey A
APPLICANT: Pradkov, Arcady F.
APPLICANT: Labas, Yulii A.
APPLICANT: Matz, Mikhail V.
APPLICANT: Terakikh, Alexey
TITLE OF INVENTION: No. US20020197676A1el Chromophores/Fluorophores and
TITLE OF INVENTION: Methods for Using the Same
FILE REFERENCE: CLON-035CIP
CURRENT APPLICATION NUMBER: US/10/006,922
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 09/120,330
PRIOR FILING DATE: 1998-12-11
PRIOR APPLICATION NUMBER: 09/457,898
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,144
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/458,477
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/457,556
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: 09/444,338
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-006-922-20

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1767 GTGCTAACTTATTTCCTCTAG 1787
|||||
DB 21 GTGCTAACTTATTTCCTCTAG 1
|||||
RESULT 214
US-10-005-344-269
Sequence 269, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 269
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-005-344-269

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAATGTGCAATACCAACA 327
|||||
DB 1 GGCAATGTGCAATACCAACA 21
|||||

RESULT 215
US-10-786-720-13156/c
Sequence 13156, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13156
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13156

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2300 TCTCGATCTCTGACCTCGTG 2320
|||||

Db 21 TCTCGATCTCTGACCTCGTG 1

RESULT 216

US-10-786-720-13159/c
; Sequence 13159, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13159

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13159

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGGTCTCGATCTCGTG 2312

Db 21 CAGGATGGTCTCGATCTCGTG 1

RESULT 217

US-10-786-720-13225/c

; Sequence 13225, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13225

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13225

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2303 CGATCTCTGACCTCGTGATC 2323

Db 21 CGATCTCTGACCTCGTGATC 1

RESULT 218

US-10-786-720-13228/c

; Sequence 13228, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13228

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13228

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCGACCTC 2317

Db 21 TGGTCTCGATCTCTCGACCTC 1

RESULT 219

US-10-786-720-13231/c

; Sequence 13231, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13231

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13231

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2289 AGCCAGGATGGTCTCGATCTC 2309

Db 21 AGCCAGGATGGTCTCGATCTC 1

RESULT 220

US-10-786-720-13234/c

; Sequence 13234, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13234

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13234

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGGTCTCGATC 2307
DB 21 TTAGCCAGGATGGTCTCGATC 1
|||||

RESULT 221

US-10-786-720-13243/c
; Sequence 13243, Application US/10786720
; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13243

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13243

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCTC 2205
DB 21 CCATTCTCTGCTCAGCCTC 1
|||||

RESULT 222

US-10-745-377-199/c
; Sequence 199, Application US/10745377
; Publication No. US20040137423A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Clee, Susanne M.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING

; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

; FILE REFERENCE: 760050-109

; CURRENT APPLICATION NUMBER: US/10/745,377

; CURRENT FILING DATE: 2003-12-23

; PRIOR APPLICATION NUMBER: 09/654,323

; PRIOR FILING DATE: 2000-09-01

; PRIOR APPLICATION NUMBER: US 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: US 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: US 60/151,977

; PRIOR FILING DATE: 1999-09-01

; PRIOR APPLICATION NUMBER: US 09/526,193

; PRIOR FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: US 60/213,958

; PRIOR FILING DATE: 2000-06-23

; NUMBER OF SEQ ID NOS: 256

; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

; SEQ ID NO 199

; LENGTH: 22

; TYPE: DNA

; ORGANISM: homo sapien

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (11)...(11)
; OTHER INFORMATION: n = a or g
US-10-745-377-199

Query Match 0.9%; Score 21; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
DB 22 TTCTCCTGCCTNAGCCTCCCAA 1
|||||

RESULT 223

US-10-872-113-199/c

; Sequence 199, Application US/10872113

; Publication No. US20040229275A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Pimstone, Simon

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Clee, Susanne M.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODULATING

; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

; FILE REFERENCE: 760050-138

; CURRENT APPLICATION NUMBER: US/10/872,113

; CURRENT FILING DATE: 2004-06-18

; PRIOR APPLICATION NUMBER: 09/654,323

; PRIOR FILING DATE: 2000-09-01

; PRIOR APPLICATION NUMBER: US 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: US 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: US 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: US 60/151,977

; PRIOR FILING DATE: 1999-09-01

; PRIOR APPLICATION NUMBER: US 09/526,193

; PRIOR FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: US 60/213,958

; PRIOR FILING DATE: 2000-06-23

; NUMBER OF SEQ ID NOS: 256

; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

; SEQ ID NO 199

; LENGTH: 22

; TYPE: DNA

; ORGANISM: homo sapien

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (11)...(11)

; OTHER INFORMATION: n = a or g

US-10-872-113-199

Query Match 0.9%; Score 21; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
DB 22 TTCTCCTGCCTNAGCCTCCCAA 1
|||||

RESULT 224

US-09-861-925-55

; Sequence 55, Application US/09861925

; Publication No. US20030064426A1

; GENERAL INFORMATION:

; APPLICANT: Roninson, Igor

; APPLICANT: Chang, Bey-Dih

; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF

; TITLE OF INVENTION: REGULATED BY CDK INHIBITORS

; FILE REFERENCE: 99,216-F

; CURRENT APPLICATION NUMBER: US/09/861,925


```
/ APPLICANT: Clee, Susanne M.
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-109
/ CURRENT APPLICATION NUMBER: US/10/745,377
/ CURRENT FILING DATE: 2003-12-23
/ PRIOR APPLICATION NUMBER: 09/654,323
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR APPLICATION NUMBER: US 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: US 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: US 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: US 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR APPLICATION NUMBER: US 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: US 60/213,958
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 62
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: homo sapien
US-10-745-377-62
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2301 CTCGATCTCTGACCTCGTGATCC 2324
Db 1 CTCGATTTCTTGACCTCGTGATCC 24
```

RESULT 229

```
US-10-872-113-14
/ Sequence 14, Application US/10872113
/ Publication No. US20040229275A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Pimstone, Simon
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Clee, Susanne M.
```

```
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-138
/ CURRENT APPLICATION NUMBER: US/10/872,113
/ CURRENT FILING DATE: 2004-06-18
/ PRIOR APPLICATION NUMBER: 09/654,323
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR APPLICATION NUMBER: US 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: US 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: US 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: US 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR APPLICATION NUMBER: US 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: US 60/213,958
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 14
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-872-113-14
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
Db 1 AGGCTGGTCTCGAATCTCTGACCT 24
```

RESULT 230

```
US-10-872-113-62
/ Sequence 62, Application US/10872113
/ Publication No. US20040229275A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Pimstone, Simon
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Clee, Susanne M.
/ TITLE OF INVENTION: Compositions and Methods for Modulating
/ TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
/ FILE REFERENCE: 760050-138
/ CURRENT APPLICATION NUMBER: US/10/872,113
/ CURRENT FILING DATE: 2004-06-18
/ PRIOR APPLICATION NUMBER: 09/654,323
/ PRIOR FILING DATE: 2000-09-01
/ PRIOR APPLICATION NUMBER: US 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: US 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: US 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: US 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ PRIOR APPLICATION NUMBER: US 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: US 60/213,958
/ PRIOR FILING DATE: 2000-06-23
/ NUMBER OF SEQ ID NOS: 256
/ SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
/ SEQ ID NO 62
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: homo sapien
US-10-872-113-62
```

```
Query Match 0.9%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 2301 CTCGATCTCTGACCTCGTGATCC 2324
Db 1 CTCGATTTCTTGACCTCGTGATCC 24
```

RESULT 231

```
US-10-440-066-18/c
/ Sequence 18, Application US/10440066
/ Publication No. US20030180256A1
/ GENERAL INFORMATION:
/ APPLICANT: Hirata, Yuichi
/ TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
/ FILE REFERENCE: 06501-067001
/ CURRENT APPLICATION NUMBER: US/10/440,066
/ CURRENT FILING DATE: 2003-05-15
/ PRIOR APPLICATION NUMBER: US/09/687,637
/ PRIOR FILING DATE: 2000-10-13
/ PRIOR APPLICATION NUMBER: PCT/JP99/01997
/ PRIOR FILING DATE: 1999-04-14
/ PRIOR APPLICATION NUMBER: JP 10/121805
/ PRIOR FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 18
```


QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 236

US-10-002-623-758
 ; Sequence 758, Application US/10002623
 ; Publication No. US20030134285A1

; GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.
 ; APPLICANT: UNDERHILL, PETER A.
 ; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
 ; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
 ; TITLE OF INVENTION: POPULATIONS
 ; FILE REFERENCE: STAN-212
 ; CURRENT APPLICATION NUMBER: US/10/002,623
 ; PRIOR FILING DATE: 2001-11-01
 ; PRIOR APPLICATION NUMBER: US 60/245,355
 ; PRIOR FILING DATE: 2000-11-01
 ; NUMBER OF SEQ ID NOS: 952
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 758
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 US-10-002-623-758

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 237

US-10-002-623-761
 ; Sequence 761, Application US/10002623
 ; Publication No. US20030134285A1

; GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.
 ; APPLICANT: UNDERHILL, PETER A.
 ; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
 ; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
 ; TITLE OF INVENTION: POPULATIONS
 ; FILE REFERENCE: STAN-212
 ; CURRENT APPLICATION NUMBER: US/10/002,623
 ; PRIOR FILING DATE: 2001-11-01
 ; PRIOR APPLICATION NUMBER: US 60/245,355
 ; PRIOR FILING DATE: 2000-11-01
 ; NUMBER OF SEQ ID NOS: 952
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 761
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 US-10-002-623-761

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2092 TTTTGTGAGACCGAGTCTTG 2113
 Db 1 TTTTGTGAGACCGAGTCTTG 22

RESULT 238

US-10-353-150-90/c
 ; Sequence 90, Application US/10353150

; Publication No. US20030157543A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Proll, Sean
 ; APPLICANT: Staehling-Hampton, Karen
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING
 ; TITLE OF INVENTION: GENOMIC DELETIONS
 ; FILE REFERENCE: 240083.515C1
 ; CURRENT APPLICATION NUMBER: US/10/353,150
 ; CURRENT FILING DATE: 2003-01-27
 ; NUMBER OF SEQ ID NOS: 105
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 90
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 US-10-353-150-90

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
 Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 239

US-10-353-150-94/c
 ; Sequence 94, Application US/10353150
 ; Publication No. US20030157543A1

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Proll, Sean
 ; APPLICANT: Paepfer, Bryan
 ; APPLICANT: Staehling-Hampton, Karen
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING
 ; TITLE OF INVENTION: GENOMIC DELETIONS
 ; FILE REFERENCE: 240083.515C1
 ; CURRENT APPLICATION NUMBER: US/10/353,150
 ; CURRENT FILING DATE: 2003-01-27
 ; NUMBER OF SEQ ID NOS: 105
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 94
 ; LENGTH: 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 US-10-353-150-94

Query Match 0.9%; Score 20.4; DB 1; Length 22;
 Best Local Similarity 95.5%; Pred. No. 8.4e+02;
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
 Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 240

US-10-452-510-274/c
 ; Sequence 274, Application US/10452510
 ; Publication No. US20040005666A1

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.
 ; APPLICANT: Brooks-Wilson, Angela R.
 ; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
 ; FILE REFERENCE: 760050-93
 ; CURRENT APPLICATION NUMBER: US/10/452,510

```
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-274

Query Match      0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db              ||||| ||||| ||||| ||||| |||||
                22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 241
US-10-617-334-274/c
; Sequence 274, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-274

Query Match      0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db              ||||| ||||| ||||| ||||| |||||
                22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 242
US-10-744-465-274/c
; Sequence 274, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
```

```
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-274

Query Match      0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2188 TTCTCTGCGCTCAGCCTCCCAA 2209
Db              ||||| ||||| ||||| ||||| |||||
                22 TTCTCTGCGCTTAGCCTCCCAA 1

RESULT 243
US-10-833-679-274/c
; Sequence 274, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-274

Query Match      0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2188 TTCTCTGCGCTCAGCCTCCCAA 2209
```


RESULT 247
 US-09-752-983-5/c
 ; Sequence 5, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-5

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 CTCTGACCGAGATCTGCTG 114
 |||||
 Db 20 CTCTGACCGAGATCTGCTG 1

RESULT 248
 US-09-752-983-6/c
 ; Sequence 6, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-6

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGGTACGAGCGCCC 166
 |||||
 Db 20 ATTAGTGGTACGAGCGCCC 1

RESULT 249
 US-09-752-983-7/c
 ; Sequence 7, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 7:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-7

```

```

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 181 GAGAGTGAATGATCCCGA 200
|||||
DB 20 GAGAGTGAATGATCCCGA 1

```

RESULT 250

```

; US-09-752-983-8/c
; Sequence 8, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-8

```

```

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 273 CTCGAAGCGCAAAACCCCG 292
|||||
DB 20 CTCGAAGCGCAAAACCCCG 1

```

RESULT 251

```

; US-09-752-983-9/c

```

```

; Sequence 9, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-9

```

```

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 295 TGGTGAGGAGCAGCAATG 314
|||||
DB 20 TGGTGAGGAGCAGCAATG 1

```

RESULT 252

```

; US-09-752-983-10/c
; Sequence 10, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

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; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAAAATGTCATAC 322
Db 20 AGCAGGCAAAATGTCATAC 1

RESULT 253
US-09-752-983-11/c
; Sequence 11, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAAAATGTCATAC 322
Db 20 AGCAGGCAAAATGTCATAC 1

RESULT 254
US-09-752-983-12/c
; Sequence 12, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-12

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGGAACCTGCTAG 636
Db 20 GATCTACAGGAACCTGCTAG 1

RESULT 255
US-09-752-983-13/c
; Sequence 13, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
```

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGTGTAGAATTGAGTTGA 1066
Db 20 AGTGTAGAATTGAGTTGA 1

RESULT 256
US-09-752-983-14/c
Sequence 14, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983

FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCTCTGATTGTA 1400
Db 20 TTGATGTTCTCTGATTGTA 1

RESULT 257
US-09-752-983-15/c
Sequence 15, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-15

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTACATGTGCAAGAGCT 1714
 |||||
 Db 20 TTTACATGTGCAAGAGCT 1

RESULT 258

US-09-752-983-16/c
 ; Sequence 16, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-16

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1776 TATTCCCTAGTTGACCTG 1795
 |||||
 Db 20 TATTCCCTAGTTGACCTG 1

RESULT 259

US-09-752-983-17/c
 ; Sequence 17, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 17:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-17

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1785 TAGTTGACCTGTCTATAAGA 1804
 |||||
 Db 20 TAGTTGACCTGTCTATAAGA 1

RESULT 260

US-09-752-983-18/c
 ; Sequence 18, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 18:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ;
 ; US-09-752-983-18

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1818 CTAACCTATATACCCCTAGGA 1837
 Db 20 CTAACCTATATACCCCTAGGA 1

RESULT 261
 US-09-752-983-19/c
 ; Sequence 19, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ;
 ; US-09-752-983-19

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 Qy 1934 TAGTGAATAGTGAATCTT 1953
 Db 20 TAGTGAATAGTGAATCTT 1
 ;
 RESULT 262
 US-09-752-983-20/c
 ; Sequence 20, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 20:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ;
 ; US-09-752-983-20

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2132 AGTGCAGTGGTGATCTTGG 2151
 Db 20 AGTGCAGTGGTGATCTTGG 1

RESULT 263
 US-09-752-983-21/c
 ; Sequence 21, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ;
 ; US-09-752-983-21

```
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2224 AGTCATCTGCCACCACCT 2243
|||||
Db 20 AGTCATCTGCCACCACCT 1

RESULT 264
US-09-752-983-22/c
; Sequence 22, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2256 GTACTTTTGTAGACAGG 2275
|||||
Db 20 GTACTTTTGTAGACAGG 1

RESULT 265
US-09-752-983-25/c
; Sequence 25, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 37 GGCCCTGTGTGCGGAAGA 56
 |||||
 Db 20 GGCCCTGTGTGCGGAAGA 1

RESULT 266

US-09-752-983-33/c
 ; Sequence 33, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-33

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CCGCGCGAGCTGGCTGCTT 23
 |||||
 Db 20 CCGCGCGAGCTGGCTGCTT 1

RESULT 267

US-09-752-983-34/c
 ; Sequence 34, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 34:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-34

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TTGGCTGCTTCTGGGCGCTG 33
 |||||
 Db 20 TTGGCTGCTTCTGGGCGCTG 1

RESULT 268

US-09-752-983-35/c
 ; Sequence 35, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-35

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 20 GCTTGTGGCGCTGTGGC 39
    |||||
Db 20 GCTTGTGGCGCTGTGGC 1

```

RESULT 269

```

US-09-752-983-36/c
; Sequence 36, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-36

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 29 GCCTGTGGCGCTGTGTGT 48
    |||||
Db 20 GCCTGTGGCGCTGTGTGT 1

US-09-752-983-37/c
; Sequence 37, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-37

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 29 GCTTGTGGCGCTGTGTGT 48
    |||||
Db 20 GCTTGTGGCGCTGTGTGT 1

```

RESULT 270

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US-09-752-983-37/c
; Sequence 37, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-37

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 34 TGTGGCCCTGTGTGTGGAA 53
    |||||
Db 20 TGTGGCCCTGTGTGTGGAA 1

```

RESULT 271

```

US-09-752-983-38/c
; Sequence 38, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-38
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 43 GTGTGTCGAAAGATGGAGC 62
Db 20 GTGTGTCGAAAGATGGAGC 1
```

```
RESULT 272
US-09-752-983-39/c
; Sequence 39, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
```

```
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-39
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 50 GGAAGATGGAGCAAGAGC 69
Db 20 GGAAGATGGAGCAAGAGC 1
```

```
RESULT 273
US-09-752-983-40/c
; Sequence 40, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-40
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 62 CAAGAAGCCGAGCCGAGGG 81
Db 20 CAAGAAGCCGAGCCGAGGG 1
```

```
RESULT 274
```

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US-09-752-983-41/c
; Sequence 41, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-41

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 70 CGAGCCCGAGGGCGGCGCGC 89
Db 20 CGAGCCCGAGGGCGGCGCGC 1

RESULT 275
US-09-752-983-42/c
; Sequence 42, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-41

```

```

; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-42

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 98 TGACCGAGATCCTGCTGCTT 117
Db 20 TGACCGAGATCCTGCTGCTT 1

RESULT 276
US-09-752-983-43/c
; Sequence 43, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```
;
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-43

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 GATCCTGCTGCTTTGCGAC 124
Db 20 GATCCTGCTGCTTTGCGAC 1

RESULT 277
US-09-752-983-44/c
; Sequence 44, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-44

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 TGCTTTGCGACCGAGGACA 132
Db 20 TGCTTTGCGACCGAGGACA 1

RESULT 278
US-09-752-983-45/c
; Sequence 45, Application US/09752983
; Patent No. US20010016575A1
```

```
;
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-45

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCACCGTCCC 139
Db 20 GCAGCCAGGAGCACCGTCCC 1

RESULT 279
US-09-752-983-46/c
; Sequence 46, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-46

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 AGTGGCTACGAGCGCCAGT 169
Db 20 AGTGGCTACGAGCGCCAGT 1

RESULT 280
US-09-752-983-47/c
; Sequence 47, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-47

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 AGTGGCTACGAGCGCCAGT 169
Db 20 AGTGGCTACGAGCGCCAGT 1

RESULT 280
US-09-752-983-47/c
; Sequence 47, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-47
```

```
; ANTI-SENSE: Yes
; US-09-752-983-47

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 158 CGAGCGCCAGTGCCTGGC 177
Db 20 CGAGCGCCAGTGCCTGGC 1

RESULT 281
US-09-752-983-48/c
; Sequence 48, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-48

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 CCAGTGCCTGGCCGGAGA 184
Db 20 CCAGTGCCTGGCCGGAGA 1

RESULT 282
US-09-752-983-49/c
; Sequence 49, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-49

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 174 TGGCCCGAGAGTGGAATGA 193
Db 20 TGGCCCGAGAGTGGAATGA 1

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RESULT 283
US-09-752-983-50/c
; Sequence 50, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-50
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 202 GCCCAGGCGTGTGCTTCC 221
; Db 20 GCCCAGGCGTGTGCTTCC 1
;
; RESULT 284
; US-09-752-983-51/c
; Sequence 51, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-51

```

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 GGCCTCGTCTCCGACGTA 227
 |||||
 Db 20 GGCCTCGTCTCCGACGTA 1

RESULT 285

US-09-752-983-52/c
 ; Sequence 52, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 52:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-52

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 217 CTTCCGACGAGTAGTCAGTCCC 236
 |||||
 Db 20 CTTCCGACGAGTAGTCAGTCCC 1

RESULT 286

US-09-752-983-53/c
 ; Sequence 53, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 53:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-53

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAAACTGGGAGTCTTGA 261
 |||||
 Db 20 AGGAACTGGGAGTCTTGA 1

RESULT 287

US-09-752-983-54/c
 ; Sequence 54, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 53:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-53

ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 54:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-54

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 289 CCCGATGTCGAGGAGG 308
 DB 20 CCCGATGTCGAGGAGG 1

RESULT 288
 US-09-752-983-55/c
 Sequence 55, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 55:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-55

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 293 GATGGTCAGGAGGCAAA 312
 DB 20 GATGGTCAGGAGGCAAA 1

RESULT 289
 US-09-752-983-56/c
 Sequence 56, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 56:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-56

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 294 ATGGTCAGGAGGCAAAAT 313
 DB 20 ATGGTCAGGAGGCAAAAT 1

RESULT 290
 US-09-752-983-57/c
 Sequence 57, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-57

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GGTGAGGAGCAGGCAATGT 315
Db 20 GGTGAGGAGCAGGCAATGT 1

RESULT 291
US-09-752-983-58/c
; Sequence 58, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 297 GTGAGGAGCAGGCAATGTG 316
Db 20 GTGAGGAGCAGGCAATGTG 1

RESULT 292
US-09-752-983-59/c
; Sequence 59, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGAGGAGCAGGCAATGTGC 317
Db 20 TGAGGAGCAGGCAATGTGC 1

```

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; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-58

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 297 GTGAGGAGCAGGCAATGTG 316
Db 20 GTGAGGAGCAGGCAATGTG 1

RESULT 292
US-09-752-983-59/c
; Sequence 59, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGAGGAGCAGGCAATGTGC 317
Db 20 TGAGGAGCAGGCAATGTGC 1

```

Db 20 TGAGGAGCAGGCAAAATGTGC 1

RESULT 293

US-09-752-983-60/c
; Sequence 60, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-60

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGGCAAAATGTGCA 318

Db 20 GAGGAGCAGGCAAAATGTGCA 1

RESULT 294

US-09-752-983-61/c
; Sequence 61, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-61

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGGCAAAATGTGCAA 319

Db 20 AGGAGCAGGCAAAATGTGCAA 1

RESULT 295

US-09-752-983-62/c
; Sequence 62, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515

```

; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCAGGCAAAATGTGCAAT 320
Db 20 GGAGCAGGCAAAATGTGCAAT 1

RESULT 296
US-09-752-983-63/c
; Sequence 63, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-64

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTGCAATACC 323
Db 20 GCAGGCAAAATGTGCAATACC 1

RESULT 298
US-09-752-983-65/c
; Sequence 65, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-63

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GAGCAGGCAAAATGTGCAATA 321
Db 20 GAGCAGGCAAAATGTGCAATA 1

```

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;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-65

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAAAATGTGCAATACCA 324
Db 20 CAGGCAAAATGTGCAATACCA 1
```

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RESULT 299
US-09-752-983-66/c
; Sequence 66, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
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;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-66

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 306 AGGCAAAATGTGCAATACCAA 325
Db 20 AGGCAAAATGTGCAATACCAA 1

RESULT 300
US-09-752-983-67/c
; Sequence 67, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-67

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAAC 326
Db 20 GGCAAAATGTGCAATACCAAC 1

RESULT 301
US-09-752-983-68/c
; Sequence 68, Application US/09752983
```


Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-68

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 308 GCAAAATGTGCAATACCAACA 327
Db 20 GCAAAATGTGCAATACCAACA 1

RESULT 302
US-09-752-983-69/c
; Sequence 69, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-69

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1

RESULT 303
US-09-752-983-70/c
; Sequence 70, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-70

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 310 AATGTGCAATACCAACATG 329
DB 20 AATGTGCAATACCAACATG 1

RESULT 304
US-09-752-983-71/c
; Sequence 71, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-72

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGTC 331
DB 20 ATGTGCAATACCAACATGTC 1

RESULT 306
US-09-752-983-73/c
; Sequence 73, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-71

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 311 AATGTGCAATACCAACATGT 330
DB 20 AATGTGCAATACCAACATGT 1

RESULT 305
US-09-752-983-72/c
; Sequence 72, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-73

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 313 TGTGCAATACCAACATGCT 332
Db 20 TGTGCAATACCAACATGCT 1

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RESULT 307
US-09-752-983-74/c
; Sequence 74, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-74

```

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 314 GTGCAATACCAACATGCTG 333
Db 20 GTGCAATACCAACATGCTG 1

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RESULT 308
US-09-752-983-75/c
; Sequence 75, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-75

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 323 CAACATGCTGTACTG 342
Db 20 CAACATGCTGTACTG 1

```

```

RESULT 309
US-09-752-983-76/c
; Sequence 76, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-76

```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-76

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 334 TACCTACTGATGGTCTGTA 353
DB 20 TACCTACTGATGGTCTGTA 1

RESULT 310
US-09-752-983-77/c
; Sequence 77, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-78

```

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; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-77

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 GTAACCACCTCACAGATTCC 370
DB 20 GTAACCACCTCACAGATTCC 1

RESULT 311
US-09-752-983-78/c
; Sequence 78, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-78

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;

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Matches	20;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
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Qy 361 CACAGATTCCAGCTTCGGAA 380
|||
Db 20 CACAGATTCCAGCTTCGGAA 1

RESULT 312

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US-09-752-983-79/c
; Sequence 79, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDMD2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-79

```

RESULT 314

US-09-752-983-81/c
Sequence 81, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Bret P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDMD2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey

RESULT 313

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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-81

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCATTGC 411
DB 20 GGTAGACCAAGCATTGC 1

RESULT 315

US-09-752-983-82/c
Sequence 82, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-82

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAGTTA 422

DB 20 AGCCATTGCTTTGAAGTTA 1

RESULT 316

US-09-752-983-83/c
Sequence 83, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-83

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 422 ATTAAGTCGTGGTGAC 441

DB 20 ATTAAGTCGTGGTGAC 1

RESULT 317

US-09-752-983-84/c
Sequence 84, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ

```

; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-84

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 450 ACTTATCTATGAAGAGGT 469
Db 20 ACTTATCTATGAAGAGGT 1

```

```

RESULT 318
US-09-752-983-85/c
; Sequence 85, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-85

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 477 TATCTTGGCCAGTATATTAT 496
Db 20 TATCTTGGCCAGTATATTAT 1

```

```

RESULT 319
US-09-752-983-86/c
; Sequence 86, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-86

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 490 ATATTATGACTAAACGATTA 509
Db 20 ATATTATGACTAAACGATTA 1

```

```

RESULT 320
US-09-752-983-87/c
; Sequence 87, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-87

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 496 TGACTAAACGATTATATGAT 515
Db 20 TGACTAAACGATTATATGAT 1

```

```

RESULT 321
US-09-752-983-88/c
; Sequence 88, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-88

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 503 ACCATTATATGATGAGAAGC 522
Db 20 ACCATTATATGATGAGAAGC 1

```

```

RESULT 322
US-09-752-983-89/c
; Sequence 89, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 89:

```



```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-89

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      515 TGAGAGCAACAATATTG 534
Db      20 TGAGAGCAACAATATTG 1

```

RESULT 323

```

US-09-752-983-90/c
; Sequence 90, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-90

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      525 CAACATATTGTATTTGTC 544
Db      20 CAACATATTGTATTTGTC 1

```

RESULT 324

```

US-09-752-983-91/c

```

```

; Sequence 91, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-91

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      531 ATTGTATATTGTTCAAATGA 550
Db      20 ATTGTATATTGTTCAAATGA 1

```

RESULT 325

```

US-09-752-983-92/c
; Sequence 92, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-92

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 538 ATTGTTCAATGATCTTCTA 557
Db 20 ATTGTTCAATGATCTTCTA 1

RESULT 326
US-09-752-983-93/c
Sequence 93, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid

STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-93

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 327
US-09-752-983-94/c
Sequence 94, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-94

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTTGGCGTGCCA 578
Db 20 GAGATTGTTTGGCGTGCCA 1

RESULT 328
US-09-752-983-95/c
Sequence 95, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-95

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GTTGGCGTCCAGCTTCT 585
DB 20 GTTGGCGTCCAGCTTCT 1

RESULT 329
US-09-752-983-96/c
Sequence 96, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983

FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-96

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAG 594
DB 20 GCCAAGCTTCTCTGTGAAG 1

RESULT 330
US-09-752-983-97/c
Sequence 97, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-09-752-983-97

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGAGCAGCAGGAAA 606
 |||||
 Db 20 TGTGAAGAGCAGCAGGAAA 1

RESULT 331

US-09-752-983-98/c
 ; Sequence 98, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 98:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-98

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 593 AGAGCAGCAGGAAATATATA 612
 |||||
 Db 20 AGAGCAGCAGGAAATATATA 1

RESULT 332

US-09-752-983-99/c
 ; Sequence 99, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 99:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-99

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAATATATACCATGAT 619
 |||||
 Db 20 AGGAAATATATACCATGAT 1

RESULT 333

US-09-752-983-100/c
 ; Sequence 100, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-100

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 609 TATACCATGATCTACAGAA 628
Db 20 TATACCATGATCTACAGAA 1

```

RESULT 334

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US-09-752-983-101/c
; Sequence 101, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-101

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;

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```

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 619 TCTACAGGAACCTGGTAGTA 638
Db 20 TCTACAGGAACCTGGTAGTA 1

```

RESULT 335

```

US-09-752-983-102/c
; Sequence 102, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-102

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 634 TAGTACTCAATCAGCAGGAA 653
Db 20 TAGTACTCAATCAGCAGGAA 1

```

RESULT 336

```

US-09-752-983-103/c
; Sequence 103, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 103:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-103

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCAGGAATCATCGGACTCA 665
Db 20 AGCAGGAATCATCGGACTCA 1

RESULT 337
US-09-752-983-104/C
; Sequence 104, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-105

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-104

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 ATCGGACTCAGGTACATCTG 675
Db 20 ATCGGACTCAGGTACATCTG 1

RESULT 338
US-09-752-983-105/C
; Sequence 105, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-105

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 669 ACATCTGTGAGTGAGAACAG 688
 Db 20 ACATCTGTGAGTGAGAACAG 1

RESULT 339

US-09-752-983-106/c
 ; Sequence 106, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 106:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-106

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 682 AGAACAGGTGTCACCTTGAA 701
 Db 20 AGAACAGGTGTCACCTTGAA 1

RESULT 340

US-09-752-983-107/c
 ; Sequence 107, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 107:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-107

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGTGGGAGT 710
 Db 20 GTCACCTTGAAGTGGGAGT 1

RESULT 341

US-09-752-983-108/c
 ; Sequence 108, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-108

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGGAGTGATCAAAAGGACC 723
Db 20 TGGGAGTGATCAAAAGGACC 1

RESULT 342
US-09-752-983-109/c
; Sequence 109, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-110

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
Db 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 344
US-09-752-983-111/c
; Sequence 111, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGTACAAGAGCTT 737
Db 20 AGGACCTTGTACAAGAGCTT 1
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RESULT 343
US-09-752-983-110/c
; Sequence 110, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-110

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
Db 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 344
US-09-752-983-111/c
; Sequence 111, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-111

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAACCTTCATCTT 759
Db 20 GGAAGAGAACCTTCATCTT 1

RESULT 345
US-09-752-983-112/c
; Sequence 112, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 761 ACATTTGGTTTCTAGACCAT 780
Db 20 ACATTTGGTTTCTAGACCAT 1

RESULT 347
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;
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-112

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCATCTTCACATTTGGTTT 771
Db 20 TTCATCTTCACATTTGGTTT 1

RESULT 346
US-09-752-983-113/c
; Sequence 113, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 761 ACATTTGGTTTCTAGACCAT 780
Db 20 ACATTTGGTTTCTAGACCAT 1

RESULT 347
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US-09-752-983-114/c
; Sequence 114, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-115
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGGAGCAATT 806
Db 20 CATCTAGAGGAGCAATT 1

RESULT 349
US-09-752-983-116/c
; Sequence 116, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

US-09-752-983-114/c
; Sequence 114, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-114
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 774 AGACCATCTACTCTAG 793
Db 20 AGACCATCTACTCTAG 1

RESULT 348
US-09-752-983-115/c
; Sequence 115, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC

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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-116

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
DB 20 AGAGCAATTAGTGAGACAGA 1

RESULT 350
US-09-752-983-117/c
; Sequence 117, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-118

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTATCTGGTG 843
DB 20 TTCAGATGAATTATCTGGTG 1

RESULT 352
US-09-752-983-119/c
; Sequence 119, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-117

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 GAGACAGAGAAATTCAGA 829
DB 20 GAGACAGAGAAATTCAGA 1

RESULT 351
US-09-752-983-118/c
; Sequence 118, Application US/09752983
; Patent No. US20010016575A1

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; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-119

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      833 ATTATCTGGTGAACGACAAA 852
DB      20 ATTATCTGGTGAACGACAAA 1

RESULT 353
US-09-752-983-120/c
; Sequence 120, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-120

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      857 ACGCCACAATCTGATAGTA 876
DB      20 ACGCCACAATCTGATAGTA 1

RESULT 355
US-09-752-983-122/c
; Sequence 122, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-122

```

```

; ANTI-SENSE: Yes
; US-09-752-983-120

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      844 AAGCACAAGAAAACGCCAC 863
DB      20 AAGCACAAGAAAACGCCAC 1

RESULT 354
US-09-752-983-121/c
; Sequence 121, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-121

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      857 ACGCCACAATCTGATAGTA 876
DB      20 ACGCCACAATCTGATAGTA 1

RESULT 355
US-09-752-983-122/c
; Sequence 122, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-122

```

```
;
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-122

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 867 TCTGATAGTATTTCCCTTC 886
Db 20 TCTGATAGTATTTCCCTTC 1

RESULT 356
US-09-752-983-123/c
; Sequence 123, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-124
```

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 123:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-123

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 880 CCCTTTCCTTTGATGAAAGC 899
Db 20 CCCTTTCCTTTGATGAAAGC 1

RESULT 357
US-09-752-983-124/c
; Sequence 124, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-124
```

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCTGGCTCTGTGTGA 914
 |||||
 Db 20 AAAGCTGGCTCTGTGTGA 1

RESULT 358
 US-09-752-983-125/c
 ; Sequence 125, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 125:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-125

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCTGTGTGTAATAAGGAG 923
 |||||
 Db 20 CTCTGTGTGTAATAAGGAG 1

RESULT 359
 US-09-752-983-126/c
 ; Sequence 126, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 126:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-126

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02; Indels 0; Gaps 0;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGGAGATATGTTGTGA 934
 |||||
 Db 20 ATAAGGGAGATATGTTGTGA 1

RESULT 360
 US-09-752-983-127/c
 ; Sequence 127, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 127:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-127

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 927 TGTGTGAAAGACAGTAG 946
Db 20 TGTGTGAAAGACAGTAG 1

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RESULT 361
US-09-752-983-128/c
; Sequence 128, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-128

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 936 AGAAGCAGTAGCAGTGAATC 955
Db 20 AGAAGCAGTAGCAGTGAATC 1

RESULT 362
US-09-752-983-129/c
; Sequence 129, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-129

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 GTGAATCTACAGGACGCCA 968
Db 20 GTGAATCTACAGGACGCCA 1

RESULT 363
US-09-752-983-130/c
; Sequence 130, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street

```

```
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-130

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 GCCATCGAATCCGGATCTT 983
Db 20 GCCATCGAATCCGGATCTT 1

RESULT 364
US-09-752-983-131/c
; Sequence 131, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-132

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 983 TGATGCTGGTGAAGTGAAC 1002
Db 20 TGATGCTGGTGAAGTGAAC 1002
```

```
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-131

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 971 GAATCCGGATCTTGATGCTG 990
Db 20 GAATCCGGATCTTGATGCTG 1

RESULT 365
US-09-752-983-132/c
; Sequence 132, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-132

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 983 TGATGCTGGTGAAGTGAAC 1002
Db 20 TGATGCTGGTGAAGTGAAC 1002
```



```

Db      20  TGATGCTGGTCTAAGTGAC 1

RESULT 366
US-09-752-983-133/c
; Sequence 133, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-133

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1006  CAGGTGATTGGTGGATCAG 1025
Db      20    CAGGTGATTGGTGGATCAG 1

RESULT 368
US-09-752-983-135/c
; Sequence 135, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; INFORMATION FOR SEQ ID NO: 133:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-133

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      996  AGTGAACATTCAGGTGATTG 1015
Db      20  AGTGAACATTCAGGTGATTG 1

RESULT 367
US-09-752-983-134/c
; Sequence 134, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

```

TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 135:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-135

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036
 |||||
 DB 20 TTGGATCAGGATTCAGTTTC 1

RESULT 369

US-09-752-983-136/c
 Sequence 136, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 136:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-136

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1023 CAGGATTCAGTTTCAGATCA 1042
 |||||
 DB 20 CAGGATTCAGTTTCAGATCA 1

RESULT 370

US-09-752-983-137/c
 Sequence 137, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 137:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-137

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTGTAG 1053
 |||||
 DB 20 TTCAGATCAGTTTAGTGTAG 1

RESULT 371

US-09-752-983-138/c
 Sequence 138, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

QY 1034 CAGGATTCAGTTTAGTGTAG 1053
 |||||
 DB 20 CAGGATTCAGTTTAGTGTAG 1

```

; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 138:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-138

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1046 TAGGTGAGAAATTTGAAGTTG 1065
Db 20 TAGGTGAGAAATTTGAAGTTG 1

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```

RESULT 372
US-09-752-983-139/c
; Sequence 139, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:

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```

; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-139

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1051 TAGAATTTGAAGTTGAATCT 1070
Db 20 TAGAATTTGAAGTTGAATCT 1

```

```

RESULT 373
US-09-752-983-140/c
; Sequence 140, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-140

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1059 GAAGTTGAATCTCTCGACTC 1078
Db 20 GAAGTTGAATCTCTCGACTC 1

```

```

RESULT 374
US-09-752-983-141/c
; Sequence 141, Application US/09752983

```

```

; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 141:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-141

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1068 TCTCTCGACTCAGAAGATTA 1087
Db 20 TCTCTCGACTCAGAAGATTA 1

```

```

RESULT 375
US-09-752-983-142/c
; Sequence 142, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-142

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1077 TCAGAAGATTATAGCCTTAG 1096
Db 20 TCAGAAGATTATAGCCTTAG 1

```

```

RESULT 376
US-09-752-983-143/c
; Sequence 143, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-143
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 ATTATAGCCTTAGTGAAGAA 1103
    |||||
    Db 20 ATTATAGCCTTAGTGAAGAA 1

RESULT 377
US-09-752-983-144/c
; Sequence 144, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-145
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1100 AGAAGGACAAAGAACTCTCAG 1119
    |||||
    Db 20 AGAAGGACAAAGAACTCTCAG 1

RESULT 379
US-09-752-983-146/c
; Sequence 146, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-144
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1092 CTTAGTGAAGAGGACAAAGA 1111
    |||||
    Db 20 CTTAGTGAAGAGGACAAAGA 1

RESULT 378
US-09-752-983-145/c
; Sequence 145, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 146:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-146

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1105 GACAAGAACTCTCAGATGAA 1124
      |||||
Db      20 GACAAGAACTCTCAGATGAA 1

```

RESULT 380

```

US-09-752-983-147/c
; Sequence 147, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-147

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1115 CTCAGATGAAGATGATGAGG 1134
      |||||
Db      20 CTCAGATGAAGATGATGAGG 1

```

RESULT 381

```

US-09-752-983-148/c
; Sequence 148, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 148:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-148

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1124 AGATGATGAGGTATATCAAG 1143
      |||||
Db      20 AGATGATGAGGTATATCAAG 1

```

RESULT 382

```

US-09-752-983-149/c

```

```

; Sequence 149, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION

```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-149

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTACTGTCTAT 1154
Db 20 TATATCAAGTACTGTCTAT 1

RESULT 383
US-09-752-983-150/c
; Sequence 150, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGGGGAG 1168
Db 20 GTGTATCAGCGGGGAG 1

RESULT 384
US-09-752-983-151/c
; Sequence 151, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGAGAGTGATACAGATTC 1180
 Db 20 GGGAGAGTGATACAGATTC 1

RESULT 385

US-09-752-983-152/c
 ; Sequence 152, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001

CLASSIFICATION:

PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 152:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-152

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred.No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1170 GATACAGATTCATTGAGA 1189
 Db 20 GATACAGATTCATTGAGA 1

RESULT 386

US-09-752-983-153/c
 ; Sequence 153, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001

CLASSIFICATION:

PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-153

Query Match

Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCCTGAAATTT 1203
 Db 20 TGAAGAAGATCCTGAAATTT 1

RESULT 387

US-09-752-983-154/c
 ; Sequence 154, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001

CLASSIFICATION:

PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey


```

; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-154

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1196 TGAATTCCTAGCTGACT 1215
Db 20 TGAATTCCTAGCTGACT 1

```

```

RESULT 388
US-09-752-983-155/c
; Sequence 155, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 155:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-155

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1207 TAGCTGACTATTGGAATGC 1226

```

```

Db 20 TAGCTGACTATTGGAATGC 1

```

```

RESULT 389
US-09-752-983-156/c
; Sequence 156, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 156:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-156

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1220 GAAATGCATTCATGCAATG 1239
Db 20 GAAATGCATTCATGCAATG 1

```

```

RESULT 390
US-09-752-983-157/c
; Sequence 157, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ

```

```

; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-157

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1226 CACTTCATGCAATGAATGA 1245
DB 20 CACTTCATGCAATGAATGA 1

```

```

RESULT 391
US-09-752-983-158/c
; Sequence 158, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 158:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-158

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1257 CCATCATTGCAACAGATG 1276
DB 20 CCATCATTGCAACAGATG 1

```

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RESULT 392
US-09-752-983-159/c
; Sequence 159, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-159

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1268 CAACAGATGTTGGCCCTTC 1287
DB 20 CAACAGATGTTGGCCCTTC 1

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RESULT 393
US-09-752-983-160/c
; Sequence 160, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-161
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1283 CCTTCGTGAGATTGGCTTC 1302
Db 20 CCTTCGTGAGATTGGCTTC 1

RESULT 395
US-09-752-983-162/c
; Sequence 162, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 162:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-160

; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1275 TGTGGGCCCTTCGTGAGAA 1294
Db 20 TGTGGGCCCTTCGTGAGAA 1

RESULT 394
US-09-752-983-161/c
; Sequence 161, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-162

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1292 GAATGGCTTCTCTGAAGATA 1311
|||||
Db 20 GAATGGCTTCTCTGAAGATA 1

RESULT 396
US-09-752-983-163/c
; Sequence 163, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-164

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1311 AAAGGGAAGATAAAGGGA 1330
|||||
Db 20 AAAGGGAAGATAAAGGGA 1

RESULT 398
US-09-752-983-165/c
; Sequence 165, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
US-09-752-983-164/c

Query Match
Best Local Similarity 100.0%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1301 TCTGAAGATAAAGGGAAG 1320
|||||
Db 20 TCTGAAGATAAAGGGAAG 1

RESULT 397
US-09-752-983-164/c
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;
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 165:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-165

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1325 AGGGGAATCTCTGAGAAG 1344
Db 20 AGGGGAATCTCTGAGAAG 1

RESULT 399

US-09-752-983-166/c
; Sequence 166, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 166:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

;
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-166

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1333 TCTCTGAGAAAGCCAAACTG 1352
Db 20 TCTCTGAGAAAGCCAAACTG 1

RESULT 400

US-09-752-983-167/c
; Sequence 167, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-167

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1346 CAAACTGGAAACTCAACAC 1365
Db 20 CAAACTGGAAACTCAACAC 1

RESULT 401

US-09-752-983-168/c
; Sequence 168, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-168

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1358 CTCACACACAGCTGAAGAGG 1377
DB 20 CTCACACACAGCTGAAGAGG 1

```

```

RESULT 402
US-09-752-983-169/c
; Sequence 169, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983

```

```

; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-169
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred.No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 1368 GCTGAAGAGGGCTTTGATGT 1387
; DB 20 GCTGAAGAGGGCTTTGATGT 1
;
; RESULT 403
US-09-752-983-170/c
; Sequence 170, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 170:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

US-09-752-983-170

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1401 AAAACTATAGTGAATGATTC 1420
 |||||
 Db 20 AAAACTATAGTGAATGATTC 1

RESULT 404

US-09-752-983-171/c
 ; Sequence 171, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 171:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes

US-09-752-983-171

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1412 GAATGATTCAGAGATGTCAT 1431
 |||||
 Db 20 GAATGATTCAGAGATGTCAT 1

RESULT 405

US-09-752-983-172/c
 ; Sequence 172, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 172:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-172

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1421 CAGAGATCATGTGTGAGG 1440
 |||||
 Db 20 CAGAGATCATGTGTGAGG 1

RESULT 406

US-09-752-983-173/c
 ; Sequence 173, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

US-09-752-983-173

```

, , APPLICATION NUMBER: 09/280,805
, , FILING DATE: <Unknown>
, , ATTORNEY/AGENT INFORMATION:
, , NAME: Licata, Jane Massey
, , REGISTRATION NUMBER: 32,257
, , REFERENCE/DOCKET NUMBER: ISPH-0346
, , TELECOMMUNICATION INFORMATION:
, , TELEPHONE: 609-810-1515
, , TELEFAX: 609-810-1454
, , INFORMATION FOR SEQ ID NO: 173:
, , SEQUENCE CHARACTERISTICS:
, , LENGTH: 20 base pairs
, , TYPE: Nucleic Acid
, , STRANDEDNESS: Single
, , TOPOLOGY: Linear
, , ANTI-SENSE: Yes
, , US-09-752-983-173

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels

QY 1434 GTTGAGGAAAATGATGATAA 1453
Db 20 GTTGAGGAAAATGATGATAA 1

```

RESULT 407
US-09-752-983-174/c
; Sequence 174, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monica
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCES/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-174

```

Query Match 0.8%; Score 20; DB 1; Length 20;

```
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1439 GGAAATGATGATAAATTA 1458
Db 20 GGAAATGATGATAAATTA 1

RESULT 408
US-09-752-983-175/c
; Sequence 175, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDMD2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-175

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 1449 GATAAAATTACACAAAGCTTC 1468
Db 20 GATAAAATTACACAAAGCTTC 1

RESULT 409
US-09-752-983-176/c
; Sequence 176, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:


```
/
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 176:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-176

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475
|||||
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 410
US-09-752-983-177/c
/ Sequence 177, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 178:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-178

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
/
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 177:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-177

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAGAAAGTG 1485
|||||
Db 20 TTCACAATCACAGAAAGTG 1

RESULT 411
US-09-752-983-178/c
/ Sequence 178, Application US/09752983
/ Patent No. US20010016575A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/752,983
/ FILING DATE: 02-Jan-2001
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/280,805
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 178:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-752-983-178

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1481 AAGTGAAGACTATTCTCAGC 1500
 |||||
 Db 20 AAGTGAAGACTATTCTCAGC 1

RESULT 412

US-09-752-983-179/c
 ; Sequence 179, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 179:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-179

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCGAGCCATCAACT 1508
 |||||
 Db 20 ACTATTCGAGCCATCAACT 1

RESULT 413

US-09-752-983-180/c
 ; Sequence 180, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 180:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-752-983-180

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTTCTAGTAGCA 1518
 |||||
 Db 20 GCCATCAACTTCTAGTAGCA 1

RESULT 414

US-09-752-983-181/c
 ; Sequence 181, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/280,805
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-181

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1506 ACTCTAGTAGCATTATTA 1525
Db 20 ACTCTAGTAGCATTATTA 1

```

```

RESULT 415

```

```

US-09-752-983-182/c
; Sequence 182, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-182

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1517 CATTATTTATAGCAGCAAG 1536
Db 20 CATTATTTATAGCAGCAAG 1

```

```

RESULT 416

```

```

US-09-752-983-183/c
; Sequence 183, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-183

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1522 TTTATAGCAGCCCAAGAGAT 1541
Db 20 TTTATAGCAGCCCAAGAGAT 1

```

```

RESULT 417
US-09-752-983-184/c
; Sequence 184, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1522 TTTATAGCAGCCCAAGAGAT 1541
Db 20 TTTATAGCAGCCCAAGAGAT 1

```

```

RESULT 417

```

```

US-09-752-983-184/c
; Sequence 184, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1517 CATTATTTATAGCAGCAAG 1536
Db 20 CATTATTTATAGCAGCAAG 1

```

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-184

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 CAAGAAGATGTGAAGAGTT 1552
|||||
DB 20 CAAGAAGATGTGAAGAGTT 1

RESULT 418
US-09-752-983-185/c
Sequence 185, Application US/09/52983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 185:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-185

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1541 TGTGAAGAGTTTGAAGGG 1560
|||||
DB 20 TGTGAAGAGTTTGAAGGG 1

RESULT 419
US-09-752-983-186/c
Sequence 186, Application US/09/52983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-186

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 GTTTGAAGGGAAGAACCC 1569
|||||
DB 20 GTTTGAAGGGAAGAACCC 1

RESULT 420

```

US-09-752-983-187/c
; Sequence 187, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-187

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1560 GAAGAAACCCCAAGACAAGA 1579
Db 20 GAAGAAACCCCAAGACAAGA 1

RESULT 421
US-09-752-983-188/c
; Sequence 188, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-187

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; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-188

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1566 ACCCAAGACAAGAGAGAG 1585
Db 20 ACCCAAGACAAGAGAGAG 1

RESULT 422
US-09-752-983-189/c
; Sequence 189, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-189

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAGTT 1599
Db 20 AGAGAGTGTGGAATCTAGTT 1

RESULT 423
US-09-752-983-190/c
; Sequence 190, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-191

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1617 GAACCTTGTTGATTGTCA 1636
Db 20 GAACCTTGTTGATTGTCA 1

RESULT 425
US-09-752-983-192/c
; Sequence 192, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-192

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1624 GTGTGATTTCTCAAGGTGCGA 1643
Db 20 GTGTGATTTCTCAAGGTGCGA 1

```

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RESULT 426
US-09-752-983-193/c
; Sequence 193, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 193:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-752-983-193
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1648 AAAATGGTTGCATTGTCCAT 1667
Db 20 AAAATGGTTGCATTGTCCAT 1

```

```

RESULT 427
US-09-752-983-194/c
; Sequence 194, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 194:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-194

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1657 GCATTGTCCATGCAAAACA 1676
Db 20 GCATTGTCCATGCAAAACA 1

```

```

RESULT 428
US-09-752-983-195/c
; Sequence 195, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 195:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-752-983-195

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

QY 1667 TGGCAAAACAGGACATCTTA 1686
|||||
Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 429
US-09-752-983-196/c
; Sequence 196, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-197

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 196:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-752-983-196

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

QY 1675 CAGGACATCTTATGGCCTGC 1694
|||||
Db 20 CAGGACATCTTATGGCCTGC 1

RESULT 430
US-09-752-983-197/c
; Sequence 197, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-197


```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1684 TTATGGCCTGCTTTACATGT 1703
   |||||
Db 20 TTATGGCCTGCTTTACATGT 1

RESULT 431
US-09-752-983-198/c
; Sequence 198, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 198:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-198

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 GTGCAAGAAGCTAAAGAA 1721
   |||||
Db 20 GTGCAAGAAGCTAAAGAA 1

RESULT 432
US-09-752-983-200/c
; Sequence 200, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1454
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 198:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-198

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1690 CCTGCTTTACATGTCGAAG 1709
   |||||
Db 20 CCTGCTTTACATGTCGAAG 1

RESULT 432
US-09-752-983-199/c
; Sequence 199, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271

```

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; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 199:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-199

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 GTGCAAGAAGCTAAAGAA 1721
   |||||
Db 20 GTGCAAGAAGCTAAAGAA 1

RESULT 433
US-09-752-983-200/c
; Sequence 200, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>

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; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 200:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-200

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1710 AAGCTAAAGAAAGGAATAA 1729
Db 20 AAGCTAAAGAAAGGAATAA 1

RESULT 434
US-09-752-983-201/c
; Sequence 201, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 202:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-202

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1726 ATAAGCCCTGCCCAGTATGT 1745
Db 20 ATAAGCCCTGCCCAGTATGT 1

RESULT 436
US-09-752-983-203/c
; Sequence 203, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
```

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; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-203

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1736 CCCAGTATGTAGACAA 1755
Db 20 CCCAGTATGTAGACAA 1

RESULT 437
US-09-752-983-204/c
; Sequence 204, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAAATGATTGTGCTAACTT 1776
Db 1757 TCAAATGATTGTGCTAACTT 1776

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; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 204:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-204

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1745 TAGACAACCAATTCAAATGA 1764
Db 20 TAGACAACCAATTCAAATGA 1

RESULT 438
US-09-752-983-205/c
; Sequence 205, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAAATGATTGTGCTAACTT 1776
Db 1757 TCAAATGATTGTGCTAACTT 1776

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Db 20 TCAAATGATTGTCTAACTT 1

RESULT 439

US-09-752-983-206/c
; Sequence 206, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 206:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-206

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1787 GTTGACCTGTCTATAAGAGA 1806

Db 20 GTTGACCTGTCTATAAGAGA 1

RESULT 440

US-09-752-983-207/c
; Sequence 207, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 207:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-207

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1798 TATAAGAGAATTATATATT 1817

Db 20 TATAAGAGAATTATATATT 1

RESULT 441

US-09-752-983-208/c
; Sequence 208, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515

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; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 208:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-208

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1804 AGAATTATATTTCTAACT 1823
|||||
Db 20 AGAATTATATTTCTAACT 1

RESULT 442
US-09-752-983-209/c
; Sequence 209, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATAACCCCTAG 1835
|||||
Db 20 TTCTAACTATATAACCCCTAG 1

RESULT 444
US-09-752-983-211/c
; Sequence 211, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-209

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1808 TTATATATTTCTAACTATAT 1827
|||||
Db 20 TTATATATTTCTAACTATAT 1
```

```
RESULT 443
US-09-752-983-210/c
; Sequence 210, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATAACCCCTAG 1835
|||||
Db 20 TTCTAACTATATAACCCCTAG 1

RESULT 444
US-09-752-983-211/c
; Sequence 211, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-210
```

```
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-211

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1823 TATATAACCTAGGAATTTA 1842
Db 20 TATATAACCTAGGAATTTA 1
```

```
RESULT 445
US-09-752-983-212/c
; Sequence 212, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 212:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-212
```

```
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-212

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACAACCTG 1851
Db 20 CTAGGAATTTAGACAACCTG 1

RESULT 446
US-09-752-983-213/c
; Sequence 213, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 213:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-213

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1840 TTAGACAACCTGAAATTAT 1859
Db 20 TTAGACAACCTGAAATTAT 1

RESULT 447
US-09-752-983-214/c
; Sequence 214, Application US/09752983
```

```

; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 214:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-214

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1850 TGAATTTATTCATATAT 1869
Db 20 TGAATTTATTCATATAT 1

```

```

RESULT 448
US-09-752-983-215/c
; Sequence 215, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-215
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1855 TTTATTTCATATATCAAG 1874
; Db 20 TTTATTTCATATATCAAG 1
;
; RESULT 449
; US-09-752-983-216/c
; Sequence 216, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 216:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-216

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1865 TATATCAAAAGTGAAGAAATG 1884
Db 20 TATATCAAAAGTGAAGAAATG 1

RESULT 450
US-09-752-983-217/c
; Sequence 217, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 217:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-218

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
Db 20 TGCCTCAATTCACATAGATT 1

RESULT 452
US-09-752-983-219/c
; Sequence 219, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 217:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-217

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1872 AAGTGAGAAATGCCTCAAT 1891
Db 20 AAGTGAGAAATGCCTCAAT 1

RESULT 451
US-09-752-983-218/c
; Sequence 218, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```



```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 219:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-219

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1889 AATTCACATAGATTCTTCT 1908
Db 20 AATTCACATAGATTCTTCT 1

```

```

RESULT 453
US-09-752-983-220/c
; Sequence 220, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-220

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1898 AGATTTCTTCTTTAGTAT 1917
Db 20 AGATTTCTTCTTTAGTAT 1

```

```

RESULT 454
US-09-752-983-221/c
; Sequence 221, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-221

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1905 TTCTCTTTAGTATATTGAC 1924
Db 20 TTCTCTTTAGTATATTGAC 1

```

```

RESULT 455
US-09-752-983-222/c
; Sequence 222, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-222

```

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; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TCTTTAGTATAATTGACCTA 1927
Db 20 TCTTTAGTATAATTGACCTA 1

RESULT 456
US-09-752-983-223/c
; Sequence 223, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-224

```

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; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-223

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTTG 1932
Db 20 AGTATAATTGACCTACTTTG 1

RESULT 457
US-09-752-983-224/c
; Sequence 224, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1920 TTGACCTACTTTGGTAGTGG 1939
 |||||
 Db 20 TTGACCTACTTTGGTAGTGG 1

RESULT 458

US-09-752-983-225/c
 ; Sequence 225, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 225:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-225

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1933 GTAGTGAATAGTGAATACT 1952
 |||||
 Db 20 GTAGTGAATAGTGAATACT 1

RESULT 459

US-09-752-983-226/c
 ; Sequence 226, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 226:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-226

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1940 AATAGTGAATAGTGAATACTATA 1959
 |||||
 Db 20 AATAGTGAATAGTGAATACTATA 1

RESULT 460

US-09-752-983-227/c
 ; Sequence 227, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 227:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-228

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATAATTTGACT 1967
|||||
DB 20 ATACTTACTATAATTTGACT 1

RESULT 461

US-09-752-983-228/c
Sequence 228, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-228

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1956 TATAATTTGACTTGATATG 1975

Db 20 TATAATTTGACTTGATATG 1
|||||

RESULT 462

US-09-752-983-229/c
Sequence 229, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 229:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-229

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1969 GAATATGTAGCTCATCTTT 1988
|||||

Db 20 GAATATGTAGCTCATCTTT 1

RESULT 463

US-09-752-983-230/c
Sequence 230, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ

```
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-230

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1973 ATGTAGCTCATCCTTTACAC 1992
Db 20 ATGTAGCTCATCCTTTACAC 1

RESULT 464
US-09-752-983-231/c
; Sequence 231, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTAATTTTAAA 2009
Db 20 CACCAACTCCTAATTTTAAA 1

RESULT 464
US-09-752-983-231/c
; Sequence 231, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTAATTTTAAA 2009
Db 20 CACCAACTCCTAATTTTAAA 1
```

```
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 231:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-231

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1982 ATCCTTTTACCAACTCCTA 2001
Db 20 ATCCTTTTACCAACTCCTA 1

RESULT 465
US-09-752-983-232/c
; Sequence 232, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTAATTTTAAA 2009
Db 20 CACCAACTCCTAATTTTAAA 1
```

```

RESULT 466
US-09-752-983-233/c
; Sequence 233, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-233
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1997 TCCTAATTTTAAATAATTC 2016
Db 20 TCCTAATTTTAAATAATTC 1

RESULT 467
US-09-752-983-234/c
; Sequence 234, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 234:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-234

```

```

; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2004 TTTAATAATTTCTACTCTG 2023
Db 20 TTTAATAATTTCTACTCTG 1

RESULT 468
US-09-752-983-235/c
; Sequence 235, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 235:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-235

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2015 TCTACTCTGCTTAATGAG 2034
Db 20 TCTACTCTGCTTAATGAG 1

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RESULT 469

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US-09-752-983-236/c
; Sequence 236, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-237

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2020 TCTGCTTAATGAGAAGTA 2039
Db 20 TCTGCTTAATGAGAAGTA 1

```

RESULT 470

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US-09-752-983-237/c

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; Sequence 237, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-237

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2051 TTTTCTTAATATGTATATG 2070
Db 20 TTTTCTTAATATGTATATG 1

```

RESULT 471

```

US-09-752-983-238/c
; Sequence 238, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-238

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2059 AATATGTATATGACATTTAA 2078
|||||
Db 20 AATATGTATATGACATTTAA 1

RESULT 472
US-09-752-983-239/c
Sequence 239, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 239:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid

STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-239

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACCTTATTA 2091
|||||
Db 20 CATTAAATGTAACCTTATTA 1

RESULT 473
US-09-752-983-240/c
Sequence 240, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-240

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGCTTGTCTCTGTAC 2122
|||||
Db 20 ACCGAGCTTGTCTCTGTAC 1

RESULT 474
US-09-752-983-241/c
Sequence 241, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:


```
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-241
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 2111 TTGCTCTGTTACCCAGGCTG 2130
Db 20 TTGCTCTGTTACCCAGGCTG 1
```

```
RESULT 475
US-09-752-983-242/c
; Sequence 242, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
```

```
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-242

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
Db 20 CTGTTACCCAGGCTGGAGTG 1

RESULT 476
US-09-752-983-243/c
; Sequence 243, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
```

US-09-752-983-243

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGAGTGGG 2142
 |||||
 Db 20 CCAGGCTGGAGTGAGTGGG 1

RESULT 477

US-09-752-983-244/c
 ; Sequence 244, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 244:

SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-243

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2133 GTGAGTGGGTGATCTTGGC 2152
 |||||
 Db 20 GTGAGTGGGTGATCTTGGC 1

RESULT 478

US-09-752-983-245/c
 ; Sequence 245, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 245:

SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-245

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2140 GGGTGATCTTGCTCACTGC 2159
 |||||
 Db 20 GGGTGATCTTGCTCACTGC 1

RESULT 479

US-09-752-983-246/c
 ; Sequence 246, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752.983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 246:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-246

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2146 TCTGGCTCACTGCAAGCTC 2165
Db 20 TCTGGCTCACTGCAAGCTC 1

```

RESULT 480

```

US-09-752-983-247/c
; Sequence 247, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 247:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-247

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;

```

```

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCCCTC 2172
Db 20 TCACTGCAAGCTCTGCCCTC 1

```

RESULT 481

```

US-09-752-983-248/c
; Sequence 248, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

```

```

; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-248

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2176 GGGTTGCGCACCATTCTCTG 2195
Db 20 GGGTTGCGCACCATTCTCTG 1

```

RESULT 482

```

US-09-752-983-249/c
; Sequence 249, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 249:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-249

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
```

Qy 2185 CCATTCTCTGCGCTCAGCCT 2204
|||
Db 20 CCATTCTCTGCGCTCAGCCT 1

RESULT 483
US-09-752-983-250/c
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDMD2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:

```

, NAME: Licata, Jane Massey
, REGISTRATION NUMBER: 32,257
, REFERENCE/DOCKET NUMBER: ISPH-0346
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 609-810-1515
, TELEFAX: 609-810-1454
, INFORMATION FOR SEQ ID NO: 250:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 20 base pairs
, TYPE: Nucleic Acid
, STRANDEDNESS: Single
, TOPOLOGY: Linear
, ANTI-SENSE: Yes
US-09-752-983-250

```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
```

Qy	2191	TCCTGCCTCAGCCTCCCAAT	2210
Dβ	20	TCCTGCCTCAGCCTCCCAAT	1

RESULT 484
US-09-752-983-251/c
; Sequence 251, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett F. Montia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
```

QY 2198 TCAGCTCCCAATTAGCTTG 2217
 Db 20 TCAGCTCCCAATTAGCTTG 1

RESULT 485

US-09-752-983-252/c
 ; Sequence 252, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 252:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-252

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2202 CCTCCCAATTAGCTTGCGCT 2221
 Db 20 CCTCCCAATTAGCTTGCGCT 1

RESULT 486

US-09-752-983-253/c
 ; Sequence 253, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 253:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-752-983-253

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2210 TTAGCTTGCGCTACAGTCAT 2229
 Db 20 TTAGCTTGCGCTACAGTCAT 1

RESULT 487

US-09-752-983-254/c
 ; Sequence 254, Application US/09752983
 ; Patent No. US20010016575A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/752,983
 ; FILING DATE: 02-Jan-2001
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/280,805
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 254:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-254

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2213 GCTTGGCTACAGTCATCTG 2232
      |||||
DB 20 GCTTGGCTACAGTCATCTG 1

```

```

RESULT 488
US-09-752-983-255/c
; Sequence 255, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 255:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-255

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2218 GCTACAGTCATCTGCCACC 2237
      |||||
DB 20 GCTACAGTCATCTGCCACC 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

RESULT 489
US-09-752-983-256/c
; Sequence 256, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 256:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-256

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2232 GCCACACACCTGGCTAATT 2251
      |||||
DB 20 GCCACACACCTGGCTAATT 1

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-257

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTTGTACTTTTAGTAGAGAC 2272
      |||||||
Db 20 TTTGTACTTTTAGTAGAGAC 1

RESULT 491
US-09-752-983-258/c
; Sequence 258, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-259

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCA 2293
      |||||||
Db 20 GGGTTTCACCGTGTAGCCA 1

RESULT 493
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```
; INFORMATION FOR SEQ ID NO: 258:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-258

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACAGCGGTTTCACCG 2284
      |||||||
Db 20 GTAGACAGCGGTTTCACCG 1

RESULT 492
US-09-752-983-259/c
; Sequence 259, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-259

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCA 2293
      |||||||
Db 20 GGGTTTCACCGTGTAGCCA 1

RESULT 493
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```

US-09-752-983-260/c
; Sequence 260, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 261:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-261
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309
Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 495
US-09-752-983-262/c
; Sequence 262, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752.983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 262:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; US-09-752-983-260
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 8.8e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2283 CGTGTAGCAGGATGGTCT 2302
Db 20 CGTGTAGCAGGATGGTCT 1

RESULT 494
US-09-752-983-261/c
; Sequence 261, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC

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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-262

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2298 GGTCTGACCTCGTGCCTC 2317
Db 20 GGTCTGACCTCGTGCCTC 1

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RESULT 496

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US-09-752-983-263/c
; Sequence 263, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 263:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-263

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```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2307 CTCCTGACCTCGTGCCTC 2326
Db 20 CTCCTGACCTCGTGCCTC 1

```

RESULT 497

```

US-09-752-983-264/c
; Sequence 264, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 264:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-264

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2319 TGATCGCCGACCTCGGCT 2338
Db 20 TGATCGCCGACCTCGGCT 1

```

RESULT 498

```

US-09-752-983-265/c
; Sequence 265, Application US/09752983
; Patent No. US20010016575A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-265

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 499
US-09-752-983-266/c
; Sequence 266, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 499
US-09-752-983-266/c
; Sequence 266, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-752-983-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTCTGGGA 2353
Db 20 GGCCTCCCAAGTCTGGGA 1

RESULT 501
US-09-752-983-267/c
; Sequence 267, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-752-983-267

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
Db 20 CAAAGTCTGGGATTACAGG 1

RESULT 501
US-09-752-983-268/c
; Sequence 268, Application US/09/752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;; TITLE OF INVENTION: EXPRESSION
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/752,983
;; FILING DATE: 02-Jan-2001
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/280,805
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 268:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-752-983-268

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 502
US-09-799-848-24/c
; Sequence 24, Application US/09799848
; Patent No. US2001004145A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett
; APPLICANT: Cook, Phillip
; APPLICANT: Crooke, Stanley
; APPLICANT: Wu, Hongjiang
; APPLICANT: Lima, Walter
; TITLE OF INVENTION: METHODS OF USING MAMMALIAN RNASE H AND COMPOSITIONS THEREOF
; FILE REFERENCE: ISPH-0521
; CURRENT APPLICATION NUMBER: US/09/799,848
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 09/343,809
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 09/684,254
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: US 09/203,716
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: US 60/067,458
; PRIOR FILING DATE: 1997-12-04
; PRIOR APPLICATION NUMBER: US 09/453,514
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 09/144,611
; PRIOR FILING DATE: 1998-08-31

;; PRIOR APPLICATION NUMBER: US 08/861,306
;; PRIOR FILING DATE: 1997-04-21
;; PRIOR APPLICATION NUMBER: US 08/244,993
;; PRIOR FILING DATE: 1994-06-21
;; PRIOR APPLICATION NUMBER: US 07/814,961
;; PRIOR FILING DATE: 1991-12-24
;; PRIOR APPLICATION NUMBER: US 09/462,280
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: PCT/US98/13966
;; PRIOR FILING DATE: 1998-07-06
;; PRIOR APPLICATION NUMBER: US 08/889,296
;; PRIOR FILING DATE: 1997-07-08
;; PRIOR APPLICATION NUMBER: US 08/411,734
;; PRIOR FILING DATE: 1995-04-03
;; PRIOR APPLICATION NUMBER: US 08/007,996
;; PRIOR FILING DATE: 1993-10-21
;; NUMBER OF SEQ ID NOS: 26
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 24
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-799-848-24

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 503
US-09-956-279-3/c
; Sequence 3, Application US/09956279
; Publication No. US20020086422A1
; GENERAL INFORMATION:
; APPLICANT: Weisman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/09/956,279
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-956-279-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 504
US-09-851-771A-3/c
; Sequence 3, Application US/09851771A
; Patent No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

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;
;      Graham, Brett P. Monia
;      TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;      MODULATION OF HUMAN MDM2 EXPRESSION
;
;      NUMBER OF SEQUENCES: 32
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Law Offices of Jane Massey Licata
;      STREET: 66 East Main Street
;      CITY: Marlton
;      STATE: NJ
;      COUNTRY: U.S.A.
;      ZIP: 08053
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER: IBM 486
;      OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;      SOFTWARE: WORDPERFECT 5.1
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/851,771A
;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;
;      INFORMATION FOR SEQ ID NO: 3:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear
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;      ANTI-SENSE: Yes
;      SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-851-771A-3
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;      Query Match      0.8%; Score 20; DB 1; Length 20;
;      Best Local Similarity 100.0%; Pred. No. 8.8e+02;
;      Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
;      QY      1 GCACCGCGGCGAGCTTGGCTG 20
;      DB      20 GCACCGCGGCGAGCTTGGCTG 1
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;      RESULT 505
;      US-09-851-771A-4/c
;      Sequence 4, Application US/09851771A
;      Patent No. US200201511A1
;      GENERAL INFORMATION:
;      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;      TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;      MODULATION OF HUMAN MDM2 EXPRESSION
;
;      NUMBER OF SEQUENCES: 32
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Law Offices of Jane Massey Licata
;      STREET: 66 East Main Street
;      CITY: Marlton
;      STATE: NJ
;      COUNTRY: U.S.A.
;      ZIP: 08053
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER: IBM 486
;      OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;      SOFTWARE: WORDPERFECT 5.1
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/851,771A
;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;
;      INFORMATION FOR SEQ ID NO: 5:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear
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;      ANTI-SENSE: Yes
;      SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5
;
;      Query Match      0.8%; Score 20; DB 1; Length 20;
;      Best Local Similarity 100.0%; Pred. No. 8.8e+02;
;      Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
;      QY      1 GCACCGCGGCGAGCTTGGCTG 20
;      DB      20 GCACCGCGGCGAGCTTGGCTG 1
;
;      RESULT 505
;      US-09-851-771A-4/c
;      Sequence 4, Application US/09851771A
;      Patent No. US200201511A1
;      GENERAL INFORMATION:
;      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;      TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;      MODULATION OF HUMAN MDM2 EXPRESSION
;
;      NUMBER OF SEQUENCES: 32
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Law Offices of Jane Massey Licata
;      STREET: 66 East Main Street
;      CITY: Marlton
;      STATE: NJ
;      COUNTRY: U.S.A.
;      ZIP: 08053
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER: IBM 486
;      OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;      SOFTWARE: WORDPERFECT 5.1
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/851,771A

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;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;
;      INFORMATION FOR SEQ ID NO: 4:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear
;
;      ANTI-SENSE: Yes
;      SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-851-771A-4
;
;      Query Match      0.8%; Score 20; DB 1; Length 20;
;      Best Local Similarity 100.0%; Pred. No. 8.8e+02;
;      Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
;      QY      37 GGCCCTGTGTGTCGGAAGA 56
;      DB      20 GGCCCTGTGTGTCGGAAGA 1
;
;      RESULT 506
;      US-09-851-771A-5/c
;      Sequence 5, Application US/09851771A
;      Patent No. US200201511A1
;      GENERAL INFORMATION:
;      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;      TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;      MODULATION OF HUMAN MDM2 EXPRESSION
;
;      NUMBER OF SEQUENCES: 32
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Law Offices of Jane Massey Licata
;      STREET: 66 East Main Street
;      CITY: Marlton
;      STATE: NJ
;      COUNTRY: U.S.A.
;      ZIP: 08053
;
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER: IBM 486
;      OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
;      SOFTWARE: WORDPERFECT 5.1
;
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/851,771A
;      FILING DATE: 09-May-2001
;      CLASSIFICATION: <Unknown>
;
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 09/048,810
;      FILING DATE: 1998-03-26
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Licata, Jane Massey
;      REGISTRATION NUMBER: 32,257
;      REFERENCE/DOCKET NUMBER: ISPH-0302
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: 609-779-2400
;      TELEFAX: 609-810-1454
;
;      INFORMATION FOR SEQ ID NO: 5:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 20 base pairs
;      TYPE: Nucleic Acid
;      STRANDEDNESS: Single
;      TOPOLOGY: Linear

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;
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 95 CTCTGACCGAGATCCTGCTG 114
    |||||
Db 20 CTCTGACCGAGATCCTGCTG 1

RESULT 507
US-09-851-771A-6/c
; Sequence 6, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 7:
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-851-771A-6
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 147 ATTAGTCGTACGAGCGCCC 166
    |||||
Db 20 ATTAGTCGTACGAGCGCCC 1

RESULT 508
US-09-851-771A-7/c
; Sequence 7, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 6:
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-851-771A-7
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 8.8e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 181 GAGAGTGGATGATCCCCGA 200
    |||||
Db 20 GAGAGTGGATGATCCCCGA 1

RESULT 509
US-09-851-771A-8/c
; Sequence 8, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-851-771A-8
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 273 CTCCAAGCGCGAAACCCG 292
Db 20 CTCCAAGCGCGAAACCCG 1
RESULT 510
US-09-851-771A-9/c
/ Sequence 9, Application US/09851771A
/ Patent No. US2002015151A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
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/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-851-771A-9
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 295 TGGTGAGGAGCAGGCAATG 314
Db 20 TGGTGAGGAGCAGGCAATG 1
RESULT 511
US-09-851-771A-10/c
/ Sequence 10, Application US/09851771A
/ Patent No. US2002015151A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/851,771A
/ FILING DATE: 09-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: 1998-03-26
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0302
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-779-2400
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-851-771A-10
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 303 AGCAGGCAATGTGCAATAC 322
Db 20 AGCAGGCAATGTGCAATAC 1
RESULT 512
US-09-851-771A-11/c
/ Sequence 11, Application US/09851771A
/ Patent No. US2002015151A1
```

```

;
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;                   MODULATION OF HUMAN MDM2 EXPRESSION
;
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
;
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
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; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-851-771A-11

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 CTGTACTACTGATGGTCT 350
Db 20 CTGTACTACTGATGGTCT 1

RESULT 513
US-09-851-771A-12/C
; Sequence 12, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;                   MODULATION OF HUMAN MDM2 EXPRESSION
;
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1

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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
;
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-851-771A-12

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGCACTTGCTAG 636
Db 20 GATCTACAGCACTTGCTAG 1

RESULT 514
US-09-851-771A-13/C
; Sequence 13, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;                   MODULATION OF HUMAN MDM2 EXPRESSION
;
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
;
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

```

```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-851-771A-13

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGGTGAGAAATTTGAAGTTGA 1066
Db 20 AGGTGAGAAATTTGAAGTTGA 1

RESULT 515
US-09-851-771A-14/c
; Sequence 14, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;              Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;                   MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-851-771A-15

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 517
US-09-851-771A-16/c
; Sequence 16, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;              Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;                   MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-851-771A-14

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCCCTGATTGAAA 1400
Db 20 TTGATGTTCCCTGATTGAAA 1

RESULT 516
US-09-851-771A-15/c
; Sequence 15, Application US/09851771A
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;
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851.771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-851-771A-16

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCTAGTGACCTG 1795
Db 20 TATTTCCTAGTGACCTG 1

RESULT 518
US-09-851-771A-17/c
; Sequence 17, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851.771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-851-771A-17

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837
Db 20 CTAACCTATATACCCCTAGGA 1

RESULT 520
US-09-851-771A-19/c
; Sequence 19, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851.771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-851-771A-19

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837
Db 20 CTAACCTATATACCCCTAGGA 1

RESULT 520
US-09-851-771A-19/c
```

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; Sequence 19, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; FILING DATE: 09-May-2001
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-851-771A-19

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1934 TAGTGGAAATAGTGAATCTT 1953
Db 20 TAGTGGAAATAGTGAATCTT 1

RESULT 521
US-09-851-771A-20/c
; Sequence 20, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; FILING DATE: 09-May-2001
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-851-771A-19
```

```
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; FILING DATE: 09-May-2001
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-851-771A-20

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCAGTGGTGATCTTGG 2151
Db 20 AGTGCAGTGGTGATCTTGG 1

RESULT 522
US-09-851-771A-21/c
; Sequence 21, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;           Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
;           MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; FILING DATE: 09-May-2001
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-851-771A-21
```

;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-851-771A-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2224 AGTCATCTGCCACACACCT 2243
Db 20 AGTCATCTGCCACACACCT 1

RESULT 523

US-09-851-771A-22/c
; Sequence 22, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-09-851-771A-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2256 GTACTTTTAGTAGACAGG 2275
Db 20 GTACTTTTAGTAGACAGG 1

RESULT 524

US-09-851-771A-25/c
; Sequence 25, Application US/09851771A
; Patent No. US2002015111A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302

TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 25:

US-09-851-771A-25

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 37 GGCCCTGTGTGTCGGAAGA 56

Db 20 GGCCCTGTGTGTCGGAAGA 1

RESULT 525

US-09-949-474-2/c
; Sequence 2, Application US/09949474
; Patent No. US20020156235A1
; GENERAL INFORMATION:

APPLICANT: Guzaev, Andrei P.

APPLICANT: Manoharan, Muthiah

TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds

FILE REFERENCE: IS194850

CURRENT APPLICATION NUMBER: US/09/949,474

CURRENT FILING DATE: 2001-09-07

PRIOR APPLICATION NUMBER: 09/658,517

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: No. US20020156235A1el Sequence
US-09-949-474-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db      20 TTTACATGTGCAAGAAGCT 1

RESULT 526
US-09-853-753-4
; Sequence 4, Application US/09853753
; Publication No. US2002018269A1
; GENERAL INFORMATION:
; APPLICANT: Bech-Hansen, Torben
; TITLE OF INVENTION: GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX
; FILE REFERENCE: 45499-2
; CURRENT APPLICATION NUMBER: US/09/853,753
; CURRENT FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: CA 2,306,241
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: reverse primer for polymorphism 506B13CA (DXS10042)
US-09-853-753-4

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAGTGTGGGATTAC 2357
Db      1 TCCCAAGTGTGGGATTAC 20

RESULT 527
US-09-541-848-2
; Sequence 2, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-541-848-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGGGAGTGATC 714
Db      1 CCTTGAAGTGGGAGTGATC 20

RESULT 529
US-09-541-848-4
; Sequence 4, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-541-848-4

; OTHER INFORMATION: oligonucleotide S4
US-09-541-848-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGGCCAGTATATATGACT 500
Db      1 TTGGCCAGTATATATGACT 20

RESULT 528
US-09-541-848-3
; Sequence 3, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S5
US-09-541-848-3

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGGGAGTGATC 714
Db      1 CCTTGAAGTGGGAGTGATC 20
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S7
US-09-541-848-4

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1018 TGGATCAGGATTCAGTTTCA 1037
Db 1 TGGATCAGGATTCAGTTTCA 20

RESULT 530
US-09-541-848-7
; Sequence 7, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S1
US-09-541-848-7

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 357 ACCTCAGATTCAGGTTTC 376
Db 1 ACCTCAGATTCAGGTTTC 20

RESULT 531
US-09-541-848-8
; Sequence 8, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
```

```
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S2
US-09-541-848-8

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 369 CCAGCTTCGGAACAAGAGAC 388
Db 1 CCAGCTTCGGAACAAGAGAC 20

RESULT 532
US-09-541-848-9
; Sequence 9, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S3
US-09-541-848-9

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 780 TCTACCTCATCTAGAAGGAG 799
Db 1 TCTACCTCATCTAGAAGGAG 20

RESULT 533
US-09-541-848-10
; Sequence 10, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
```

; PRIOR FILING DATE: 1997-08-22
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 10
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: oligonucleotide S6
 US-09-541-848-10

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 TCCTTAGCTGACTATTGGAA 1222
 |||||
 DB 1 TCCTTAGCTGACTATTGGAA 20

RESULT 534

US-09-541-848-11
 ; Sequence 11, Application US/09541848
 ; Publication No. US20030119765A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CHEN, Jiandong
 ; APPLICANT: AGRAWAL, Sudhir
 ; APPLICANT: ZHANG, Ruiwen
 ; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
 ; FILE REFERENCE: 29924/98057C
 ; CURRENT APPLICATION NUMBER: US/09/541,848
 ; CURRENT FILING DATE: 2000-04-03
 ; PRIOR APPLICATION NUMBER: 09/383,507
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: 09/073,567
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 08/916,834
 ; PRIOR FILING DATE: 1997-08-22
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 11
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: oligonucleotide S8
 US-09-541-848-11

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGAATCC 1249
 |||||
 DB 1 TCATGCAATGAATGAATCC 20

RESULT 535

US-09-541-848-13
 ; Sequence 13, Application US/09541848
 ; Publication No. US20030119765A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CHEN, Jiandong
 ; APPLICANT: AGRAWAL, Sudhir
 ; APPLICANT: ZHANG, Ruiwen
 ; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
 ; FILE REFERENCE: 29924/98057C
 ; CURRENT APPLICATION NUMBER: US/09/541,848
 ; CURRENT FILING DATE: 2000-04-03
 ; PRIOR APPLICATION NUMBER: 09/383,507
 ; PRIOR FILING DATE: 1999-08-26

; PRIOR APPLICATION NUMBER: 09/073,567
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 08/916,834
 ; PRIOR FILING DATE: 1997-08-22
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 13
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: oligonucleotide S5-1
 US-09-541-848-13

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 669 ACATCTGTGAGTGAGAACAG 688
 |||||
 DB 1 ACATCTGTGAGTGAGAACAG 20

RESULT 536

US-09-541-848-14
 ; Sequence 14, Application US/09541848
 ; Publication No. US20030119765A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CHEN, Jiandong
 ; APPLICANT: AGRAWAL, Sudhir
 ; APPLICANT: ZHANG, Ruiwen
 ; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
 ; FILE REFERENCE: 29924/98057C
 ; CURRENT APPLICATION NUMBER: US/09/541,848
 ; CURRENT FILING DATE: 2000-04-03
 ; PRIOR APPLICATION NUMBER: 09/383,507
 ; PRIOR FILING DATE: 1999-08-26
 ; PRIOR APPLICATION NUMBER: 09/073,567
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 08/916,834
 ; PRIOR FILING DATE: 1997-08-22
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 14
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: oligonucleotide S5-2
 US-09-541-848-14

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
 |||||
 DB 1 GTGAGTGAGAACAGGTGTCA 20

RESULT 537

US-09-541-848-15
 ; Sequence 15, Application US/09541848
 ; Publication No. US20030119765A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CHEN, Jiandong
 ; APPLICANT: AGRAWAL, Sudhir
 ; APPLICANT: ZHANG, Ruiwen
 ; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
 ; FILE REFERENCE: 29924/98057C
 ; CURRENT APPLICATION NUMBER: US/09/541,848

```
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-3
US-09-541-848-15
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 680 TGAGACAGGTGTCACCTTG 699
Db 1 TGAGACAGGTGTCACCTTG 20
```

RESULT 538

```
US-09-541-848-16
; Sequence 16, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-4
US-09-541-848-16
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 685 ACAGGTGTCACCTTGAAGGT 704
Db 1 ACAGGTGTCACCTTGAAGGT 20
```

RESULT 539

```
US-09-541-848-17
; Sequence 17, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
```

```
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-5
US-09-541-848-17
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 704 TGGGAGTGATCAAAAGGACC 723
Db 1 TGGGAGTGATCAAAAGGACC 20
```

RESULT 540

```
US-09-541-848-18
; Sequence 18, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide SS-6
US-09-541-848-18
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 709 GTGATCAAAAGGACCTTGTA 728
Db 1 GTGATCAAAAGGACCTTGTA 20
```

RESULT 541

```
US-09-541-848-19
; Sequence 19, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
```

```
/ APPLICANT: CHEN, Jiandong
/ APPLICANT: AGRAWAL, Sudhir
/ APPLICANT: ZHANG, Ruiwen
/ TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ FILE REFERENCE: 29924/98057C
/ CURRENT APPLICATION NUMBER: US/09/541,848
/ CURRENT FILING DATE: 2000-04-03
/ PRIOR FILING DATE: 09/383,507
/ PRIOR FILING DATE: 1999-08-26
/ PRIOR APPLICATION NUMBER: 09/073,567
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 08/916,834
/ PRIOR FILING DATE: 1997-08-22
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 19
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: oligonucleotide S5-7
US-09-541-848-19
```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 717 AAGGACCTTGACAGAGCT 736
DB 1 AAGGACCTTGACAGAGCT 20
|||||
```

RESULT 542

```
US-09-541-848-20
/ Sequence 20, Application US/09541848
/ Publication No. US20030119765A1
/ GENERAL INFORMATION:
/ APPLICANT: CHEN, Jiandong
/ APPLICANT: AGRAWAL, Sudhir
/ APPLICANT: ZHANG, Ruiwen
/ TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ FILE REFERENCE: 29924/98057C
/ CURRENT APPLICATION NUMBER: US/09/541,848
/ CURRENT FILING DATE: 2000-04-03
/ PRIOR FILING DATE: 09/383,507
/ PRIOR FILING DATE: 1999-08-26
/ PRIOR APPLICATION NUMBER: 09/073,567
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 08/916,834
/ PRIOR FILING DATE: 1997-08-22
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: oligonucleotide S7-1
US-09-541-848-20
```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 998 TGAACATTCAGTGATGGT 1017
DB 1 TGAACATTCAGTGATGGT 20
|||||
```

RESULT 543

```
US-09-541-848-21
```

```
/ Sequence 21, Application US/09541848
/ Publication No. US20030119765A1
/ GENERAL INFORMATION:
/ APPLICANT: CHEN, Jiandong
/ APPLICANT: AGRAWAL, Sudhir
/ APPLICANT: ZHANG, Ruiwen
/ TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ FILE REFERENCE: 29924/98057C
/ CURRENT APPLICATION NUMBER: US/09/541,848
/ CURRENT FILING DATE: 2000-04-03
/ PRIOR FILING DATE: 09/383,507
/ PRIOR APPLICATION NUMBER: 09/073,567
/ PRIOR FILING DATE: 1999-08-26
/ PRIOR APPLICATION NUMBER: 09/073,567
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 08/916,834
/ PRIOR FILING DATE: 1997-08-22
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 21
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: oligonucleotide S7-2
US-09-541-848-21
```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1003 ATTCAGTGATGCTGGAT 1022
DB 1 ATTCAGTGATGCTGGAT 20
|||||
```

RESULT 544

```
US-09-541-848-23
/ Sequence 23, Application US/09541848
/ Publication No. US20030119765A1
/ GENERAL INFORMATION:
/ APPLICANT: CHEN, Jiandong
/ APPLICANT: AGRAWAL, Sudhir
/ APPLICANT: ZHANG, Ruiwen
/ TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ FILE REFERENCE: 29924/98057C
/ CURRENT APPLICATION NUMBER: US/09/541,848
/ CURRENT FILING DATE: 2000-04-03
/ PRIOR FILING DATE: 09/383,507
/ PRIOR FILING DATE: 1999-08-26
/ PRIOR APPLICATION NUMBER: 09/073,567
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 08/916,834
/ PRIOR FILING DATE: 1997-08-22
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 23
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: oligonucleotide S7-4
US-09-541-848-23
```

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1027 ATTCAGTTTCAGATCAGTTT 1046
DB 1 ATTCAGTTTCAGATCAGTTT 20
|||||
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RESULT 545
US-09-541-848-24
; Sequence 24, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S7-5
US-09-541-848-24

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGAGAAATT 1057
Db 1 GATCAGTTTAGTGAGAAATT 20

RESULT 546
US-09-541-848-27/c
; Sequence 27, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS4
US-09-541-848-27

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGCCCAGTATATATGACT 500
```

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Db 20 TTGCCCAGTATATATGACT 1

RESULT 547
US-09-541-848-28/c
; Sequence 28, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5
US-09-541-848-28

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGGTGGGAGTGATC 714
Db 20 CCTTGAAGGTGGGAGTGATC 1

RESULT 548
US-09-541-848-29/c
; Sequence 29, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7
US-09-541-848-29

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTCA 1037
|||||
Db 20 TGGATCAGGATTCAGTTTCA 1

RESULT 549

US-09-541-848-30/c
; Sequence 30, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide ASI
US-09-541-848-30

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCAGATTCAGCTTC 376
|||||
Db 20 ACCTCAGATTCAGCTTC 1

RESULT 550

US-09-541-848-31/c
; Sequence 31, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS2
US-09-541-848-31

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGAC 388
|||||
Db 20 CCAGCTTCGGAACAAGAGAC 1

RESULT 551

US-09-541-848-32/c
; Sequence 32, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS3
US-09-541-848-32

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAAGGAG 799
|||||
Db 20 TCTACCTCATCTAGAAGGAG 1

RESULT 552

US-09-541-848-33/c
; Sequence 33, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS3
US-09-541-848-33

; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS6
US-09-541-848-33

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 TCCTTAGCTGACTATTGGAA 1222
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TCCTTAGCTGACTATTGGAA 1

RESULT 553

US-09-541-848-34/c
; Sequence 34, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS8
US-09-541-848-34

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1230 TCATGCAATGAATGAATCC 1249
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TCATGCAATGAATGAATCC 1

RESULT 554

US-09-541-848-35/c
; Sequence 35, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-1
US-09-541-848-35

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 ACATCTGTGAGTCAGAACAG 688
| | | | | | | | | | | | | | | | | | | | | |
Db 20 ACATCTGTGAGTCAGAACAG 1

RESULT 555

US-09-541-848-36/c
; Sequence 36, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-2
US-09-541-848-36

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 675 GTGAGTGAGAACAGGTGTCA 694
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GTGAGTGAGAACAGGTGTCA 1

RESULT 556

US-09-541-848-37/c
; Sequence 37, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-3
US-09-541-848-37

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 680 TCAGGAGTGCACCTTGAAGGT 704
Db 20 TCAGGAGTGCACCTTGAAGGT 1

RESULT 558
US-09-541-848-39/c
; Sequence 39, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-4
US-09-541-848-38

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGCACCTTGAAGGT 704
Db 20 ACAGGTGCACCTTGAAGGT 1

RESULT 559
US-09-541-848-39/c
; Sequence 39, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-5
US-09-541-848-39

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGGAGTGCATCAAAAGGACC 723
Db 20 TGGGAGTGCATCAAAAGGACC 1

RESULT 559
US-09-541-848-40/c
; Sequence 40, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-6
US-09-541-848-40

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 709 GTGATCAAAAGGACCTTGTA 728
Db 20 GTGATCAAAAGGACCTTGTA 1

RESULT 560
US-09-541-848-41/c
; Sequence 41, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-7
US-09-541-848-41
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; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-7
US-09-541-848-41

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 AAGGACCTTGTACAAAGACT 736
Db 20 AAGGACCTTGTACAAAGACT 1

RESULT 561
US-09-541-848-42/c
; Sequence 42, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-1
US-09-541-848-42

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 998 TGAACATTCAGTGATGGT 1017
Db 20 TGAACATTCAGTGATGGT 1

RESULT 562
US-09-541-848-43/c
; Sequence 43, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C

; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-2
US-09-541-848-43

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTCAGTGATGGTTGGAT 1022
Db 20 ATTCAGTGATGGTTGGAT 1

RESULT 563
US-09-541-848-45/c
; Sequence 45, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-4
US-09-541-848-45

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTCAGTTTCAGATCAGTTT 1046
Db 20 ATTCAGTTTCAGATCAGTTT 1

RESULT 564
US-09-541-848-46/c
; Sequence 46, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
```

```
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS7-5
US-09-541-848-46
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGTAATT 1057
Db 20 GATCAGTTTAGTGTAGTAATT 1
```

```
RESULT 565
US-09-541-848-47/c
; Sequence 47, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-2H
US-09-541-848-47
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
Db 20 GTGAGTGAGAACAGGTGTCA 1
```

```
RESULT 566
US-09-823-031-3/c
; Sequence 3, Application US/09823031
; Publication No. US20030208061A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Guzaev, Andrei P.
; TITLE OF INVENTION: Labeled Oligonucleotides, Methods For Making Same And Compounds
; FILE REFERENCE: IS184723
; CURRENT APPLICATION NUMBER: US/09/823,031
; CURRENT FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
US-09-823-031-3
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGCAAGAAGCT 1
```

```
RESULT 567
US-10-085-906-302/c
; Sequence 302, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-302
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGTGG 2141
Db 20 CCCAGGCTGGAGTGCAGTGG 1
```

```
RESULT 568
US-10-270-861-27
; Sequence 27, Application US/10270861
; Publication No. US2003007749A1
; GENERAL INFORMATION:
; APPLICANT: Adams, Sean
; APPLICANT: Pan, James
; TITLE OF INVENTION: UCPS
; FILE REFERENCE: P1663R2
```

```

; CURRENT APPLICATION NUMBER: US/10/270,861
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/433,622
; PRIOR FILING DATE: 1999-11-02
; PRIOR APPLICATION NUMBER: US 60/110,286
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/129,583
; PRIOR FILING DATE: 1999-04-16
; PRIOR APPLICATION NUMBER: US 60/143,886
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: Misc feature
; LOCATION: 1-20_
; OTHER INFORMATION: sequence is synthesized
US-10-270-861-27

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2349 TGGGATTACAGGATGAGCC 2368
      |||||
DB 1 TGGGATTACAGGATGAGCC 20

```

RESULT 569

```

US-10-251-699-1/c
; Sequence 1, Application US/10251699
; Publication No. US2003009989A1
; GENERAL INFORMATION:
; APPLICANT: CHERIF, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/10/251,699
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US/09/418,804
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-10-251-699-1

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2122 CCCAGGCTGAGTGCAGTGG 2141
      |||||
DB 20 CCCAGGCTGAGTGCAGTGG 1

```

RESULT 570

```

US-10-002-623-731/c
; Sequence 731, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212

```

```

; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 731
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-731

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2342 AAAGTCTGGGATTACAGGC 2361
      |||||
DB 20 AAAGTCTGGGATTACAGGC 1

```

RESULT 571

```

US-10-002-623-734/c
; Sequence 734, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 734
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-734

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2342 AAAGTCTGGGATTACAGGC 2361
      |||||
DB 20 AAAGTCTGGGATTACAGGC 1

```

RESULT 572

```

US-10-002-623-894
; Sequence 894, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 894
; LENGTH: 20
; TYPE: DNA

```

ORGANISM: Homo Sapiens
US-10-002-623-894

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
DB 1 CAAAGTCTGGGATTACAGG 20
|||||

RESULT 573

US-10-002-623-897
; Sequence 897, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002.623
; PRIOR FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 897
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-897

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
DB 1 CAAAGTCTGGGATTACAGG 20
|||||

RESULT 574

US-10-002-623-900
; Sequence 900, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002.623
; CURRENT FILING DATE: 2001-11-01
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 900
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-900

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAGG 2360
|||||

Db 1 CAAAGTCTGGGATTACAGG 20

RESULT 575

US-10-289-845-13/c
; Sequence 13, Application US/10289845
; Publication No. US20030170679A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Farodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: US/10/289,845
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-289-845-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTCTGGGATTACAG 2359
DB 20 CCAAGTCTGGGATTACAG 1
|||||

RESULT 576

US-10-331-907-257/c
; Sequence 257, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gernold, David
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1ch Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997


```

; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 257:
US-10-331-907-257

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1

```

```

RESULT 577
US-10-005-344-3/c
; Sequence 3, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-3

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 GCACCGCGCGAGCTTGCGTG 20
Db 20 GCACCGCGCGAGCTTGCGTG 1

```

```

RESULT 578
US-10-005-344-4/c
; Sequence 4, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

```

```

; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-4

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 37 GGCCCTGTGTGTCGGAAGA 56
Db 20 GGCCCTGTGTGTCGGAAGA 1

```

```

RESULT 579
US-10-005-344-5/c
; Sequence 5, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-5

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 95 CTCTGACCGAGATCCTGCTG 114
Db 20 CTCTGACCGAGATCCTGCTG 1

```

```

RESULT 580
US-10-005-344-6/c

```

; Sequence 6, Application US/10005344
; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 6

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-6

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Mismatches 0; Indels 0; Gaps 0;

Mismatches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGGTACGAGCGCCC 166

DB 20 ATTAGTGGTACGAGCGCCC 1

RESULT 581

US-10-005-344-7/c

; Sequence 7, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 7

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-7

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Mismatches 0; Indels 0; Gaps 0;

Mismatches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 181 GAGAGTGGATGATCCCCGA 200

DB 20 GAGAGTGGATGATCCCCGA 200

Db 20 GAGAGTGGATGATCCCCGA 1

RESULT 582

US-10-005-344-8/c

; Sequence 8, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-8

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

Mismatches 0; Indels 0; Gaps 0;

Mismatches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 CTCCAAGCGCGAAACCCCG 292

DB 20 CTCCAAGCGCGAAACCCCG 1

RESULT 583

US-10-005-344-9/c

; Sequence 9, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia

; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham

; APPLICANT: Brett P. Monia

; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622

; CURRENT APPLICATION NUMBER: US/10/005,344

; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 9

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-9

Query Match

Best Local Similarity 0.8%; Score 20; DB 1; Length 20;

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1047 AGTGTAGATTGGAATTGA 1066
|||||
Db 20 AGTGTAGATTGGAATTGA 1

RESULT 588
US-10-005-344-14/c
; Sequence 14, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1381 TTGATGTTCTCGATTGTA 1400
|||||
Db 20 TTGATGTTCTCGATTGTA 1

RESULT 589
US-10-005-344-15/c
; Sequence 15, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-15

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 590
US-10-005-344-16/c
; Sequence 16, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
|||||
Db 20 TATTTCCCTAGTTGACCTG 1

RESULT 591
US-10-005-344-17/c
; Sequence 17, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang

```

; APPLICANT:  Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-17

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1785 TACTGACCTGCTCTATAAGA 1804
Db 20 TACTGACCTGCTCTATAAGA 1

```

```

RESULT 592
US-10-005-344-18/c
; Sequence 18, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-18

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1818 CTAACCTATATACCCCTAGGA 1837
Db 20 CTAACCTATATACCCCTAGGA 1

```

```

RESULT 593
US-10-005-344-19/c
; Sequence 19, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia

```

```

; APPLICANT:  Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-19

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1934 TAGTGAATAGTGCAATACTT 1953
Db 20 TAGTGAATAGTGCAATACTT 1

```

```

RESULT 594
US-10-005-344-20/c
; Sequence 20, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-20

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2132 AGTGCAGTGGGTGATCTTGG 2151
Db 20 AGTGCAGTGGGTGATCTTGG 1

```

```

RESULT 595

```

US-10-005-344-21/c
 ; Sequence 21, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 21
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-21

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2224 AGTCATCTGCCACACCT 2243
 DB 20 AGTCATCTGCCACACCT 1

RESULT 596
 US-10-005-344-22/c
 ; Sequence 22, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 22
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-22

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2256 GTACTTTTAGTAGACAGG 2275

Db 20 GTACTTTTAGTAGACAGG 1
 RESULT 597
 US-10-005-344-25/c
 ; Sequence 25, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 25
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-25

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCTGTGTGTCGGAAGA 56
 DB 20 GGCCTGTGTGTCGGAAGA 1

RESULT 598
 US-10-005-344-33/c
 ; Sequence 33, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 33
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-33

```
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 CCGCGGAGCTTGGCTGCTT 23
    |||||
Db 20 CCGCGGAGCTTGGCTGCTT 1

RESULT 599
US-10-005-344-34/c
; Sequence 34, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-34

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TTGGCTGCTTCTGGGGCCTG 33
    |||||
Db 20 TTGGCTGCTTCTGGGGCCTG 1

RESULT 600
US-10-005-344-35/c
; Sequence 35, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-35

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GCTTCTGGGGCCTGTGTGTC 39
    |||||
Db 20 GCTTCTGGGGCCTGTGTGTC 1

RESULT 601
US-10-005-344-36/c
; Sequence 36, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-36

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 GCCTGTGTGGCCCTGTGTGT 48
    |||||
Db 20 GCCTGTGTGGCCCTGTGTGT 1

RESULT 602
US-10-005-344-37/c
; Sequence 37, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
```

```
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-37
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 34 TGTGGCCCTGTGTGTCGAA 53
      |||||
Db 20 TGTGGCCCTGTGTGTCGAA 1
```

```
RESULT 603
US-10-005-344-38/c
; Sequence 38, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-38
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 43 GTGTGTCGGAAGATGGAGC 62
      |||||
Db 20 GTGTGTCGGAAGATGGAGC 1
```

```
RESULT 604
US-10-005-344-39/c
; Sequence 39, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
```

```
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-39
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 50 GGAAGATGGAGCAAGAGC 69
      |||||
Db 20 GGAAGATGGAGCAAGAGC 1
```

```
RESULT 605
US-10-005-344-40/c
; Sequence 40, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-40
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 62 CAAGAAGCCGAGCCCGAGGG 81
      |||||
Db 20 CAAGAAGCCGAGCCCGAGGG 1
```

```
RESULT 606
US-10-005-344-41/c
; Sequence 41, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
```



```
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-41
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 70 CGAGCCCGAGGCGGCGCGC 89
Db 20 CGAGCCCGAGGCGGCGCGC 1
```

```
RESULT 607
US-10-005-344-42/c
; Sequence 42, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-42
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
-Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 98 TGACCGAGATCTGCTGCTT 117
Db 20 TGACCGAGATCTGCTGCTT 1
```

```
RESULT 608
US-10-005-344-43/c
; Sequence 43, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-43
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 105 GATCCTGCTGCTTTTCGAGC 124
Db 20 GATCCTGCTGCTTTTCGAGC 1
```

```
RESULT 609
US-10-005-344-44/c
; Sequence 44, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-44
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 113 TGCTTTTCGAGCCAGGAGCA 132
Db 20 TGCTTTTCGAGCCAGGAGCA 1
```

RESULT 610
US-10-005-344-45/c
; Sequence 45, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-45

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCAGCGTCCC 139
DB 20 GCAGCCAGGAGCAGCGTCCC 1

RESULT 611
US-10-005-344-46/c
; Sequence 46, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-46

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 AGTGGGTACGAGCGCCCACT 169
DB 20 AGTGGGTACGAGCGCCCACT 1

RESULT 612
US-10-005-344-47/c
; Sequence 47, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-47

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 158 CGAGCGCCCACTGCGCTGGC 177
DB 20 CGAGCGCCCACTGCGCTGGC 1

RESULT 613
US-10-005-344-48/c
; Sequence 48, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-48

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 CCAGTGCCTGGCCCGGAGA 184
|||||
Db 20 CCAGTGCCTGGCCCGGAGA 1

RESULT 614
US-10-005-344-49/c
; Sequence 49, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-49

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 174 TGGCCCGGAGTGGGAATGA 193
|||||
Db 20 TGGCCCGGAGTGGGAATGA 1

RESULT 615
US-10-005-344-50/c
; Sequence 50, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-50

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 202 GCCCAGGGCGTGTCTTCC 221
|||||
Db 20 GCCCAGGGCGTGTCTTCC 1

RESULT 616
US-10-005-344-51/c
; Sequence 51, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-51

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 GCGTGTGTCTTCCGAGTA 227
|||||
Db 20 GCGTGTGTCTTCCGAGTA 1

RESULT 617
US-10-005-344-52/c
; Sequence 52, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 20

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-52

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 217 CTTCGGCAGTAGTCAGTCCC 236
Db 20 CTTCGGCAGTAGTCAGTCCC 1

RESULT 618
US-10-005-344-53/c
; Sequence 53, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-53

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAACTGGGGAGTCTTGA 261
Db 20 AGGAACTGGGGAGTCTTGA 1

RESULT 619
US-10-005-344-54/c
; Sequence 54, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-54

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 289 CCCGATGGTGAGGAGCAGG 308
Db 20 CCCGATGGTGAGGAGCAGG 1

RESULT 620
US-10-005-344-55/c
; Sequence 55, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-55

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 293 GATGGTGAGGAGCAGGCAAA 312
Db 20 GATGGTGAGGAGCAGGCAAA 1

RESULT 621
US-10-005-344-56/c
; Sequence 56, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; FILE REFERENCE: ISPH-0622
```

```
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-56
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 294 ATGGTGAGGAGCGGCAAAAT 313
      |||||
Db 20 ATGGTGAGGAGCGGCAAAAT 1
```

```
RESULT 622
US-10-005-344-57/c
; Sequence 57, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-57
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 296 GGTGAGGAGCGGCAAAATGT 315
      |||||
Db 20 GGTGAGGAGCGGCAAAATGT 1
```

```
RESULT 623
US-10-005-344-58/c
; Sequence 58, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-58
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 297 GTGAGGAGCGGCAAAATGTG 316
      |||||
Db 20 GTGAGGAGCGGCAAAATGTG 1
```

```
RESULT 624
US-10-005-344-59/c
; Sequence 59, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-59
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 298 TGAGGAGCGGCAAAATGTGC 317
      |||||
Db 20 TGAGGAGCGGCAAAATGTGC 1
```

RESULT 625
US-10-005-344-60/c
; Sequence 60, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-60

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGGCAAAATGTGCA 318
|||||
Db 20 GAGGAGCAGGCAAAATGTGCA 1

RESULT 626
US-10-005-344-61/c
; Sequence 61, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-61

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGGCAAAATGTGCAA 319
|||||
Db 20 AGGAGCAGGCAAAATGTGCAA 1

RESULT 627
US-10-005-344-62/c
; Sequence 62, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCAGGCAAAATGTGCAAT 320
|||||
Db 20 GGAGCAGGCAAAATGTGCAAT 1

RESULT 628
US-10-005-344-63/c
; Sequence 63, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-63

```
US-10-005-344-63
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GACGAGCAAAATGTCGAATA 321
Db 20 GACGAGCAAAATGTCGAATA 1

RESULT 629
US-10-005-344-64/c
; Sequence 64, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-64

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTCGAATACC 323
Db 20 GCAGGCAAAATGTCGAATACC 1

RESULT 630
US-10-005-344-65/c
; Sequence 65, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 65

US-10-005-344-66
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAAAATGTCGAATACCA 324
Db 20 CAGGCAAAATGTCGAATACCA 1

RESULT 631
US-10-005-344-66/c
; Sequence 66, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-66

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 306 AGGCAAAATGTCGAATACCA 325
Db 20 AGGCAAAATGTCGAATACCA 1

RESULT 632
US-10-005-344-67/c
; Sequence 67, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
```

```
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-67
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 307 GGCAAAATGTGCAATACCAAC 326
Db 20 GGCAAAATGTGCAATACCAAC 1
```

```
RESULT 633
US-10-005-344-68/c
; Sequence 68, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-68
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 308 GCAAAATGTGCAATACCAACA 327
Db 20 GCAAAATGTGCAATACCAACA 1
```

```
RESULT 634
US-10-005-344-69/c
; Sequence 69, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
```

```
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-69
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1
```

```
RESULT 635
US-10-005-344-70/c
; Sequence 70, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-70
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 310 AAATGTGCAATACCAACATG 329
Db 20 AAATGTGCAATACCAACATG 1
```

```
RESULT 636
US-10-005-344-71/c
; Sequence 71, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
```



```

; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-71

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 311 AATGTGCAATACCAACATGT 330
      |||||
Db 20 AATGTGCAATACCAACATGT 1

```

```

RESULT 637
US-10-005-344-72/c
; Sequence 72, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-72

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 312 ATGTGCAATACCAACATGTC 331
      |||||
Db 20 ATGTGCAATACCAACATGTC 1

```

```

RESULT 638
US-10-005-344-73/c
; Sequence 73, Application US/10005344

```

```

; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-73

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 313 TGTGCAATACCAACATGTCT 332
      |||||
Db 20 TGTGCAATACCAACATGTCT 1

```

```

RESULT 639
US-10-005-344-74/c
; Sequence 74, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-74

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 314 GTGCAATACCAACATGTCTG 333
      |||||
Db 20 GTGCAATACCAACATGTCTG 1

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 334 TACCTACTGATGCTGCTGTA 353
 |||||
 Db 20 TACCTACTGATGCTGCTGTA 1

RESULT 642
 US-10-005-344-77/c
 ; Sequence 77, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 77
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-77

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 351 GTAACCACTCAGATTCC 370
 |||||
 Db 20 GTAACCACTCAGATTCC 1

RESULT 643
 US-10-005-344-78/c
 ; Sequence 78, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 78
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

RESULT 640
 US-10-005-344-75/c
 ; Sequence 75, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 75
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-75

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 323 CAACATGCTGCTACTG 342
 |||||
 Db 20 CAACATGCTGCTACTG 1

RESULT 641
 US-10-005-344-76/c
 ; Sequence 76, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 76
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-76

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-78

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 361 CACAGATTCAGCTTCGAA 380
Db 20 CACAGATTCAGCTTCGAA 1

RESULT 644
US-10-005-344-79/c
; Sequence 79, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-79

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 372 GCTTCGGAACAGAGACCTT 391
Db 20 GCTTCGGAACAGAGACCTT 1

RESULT 645
US-10-005-344-80/c
; Sequence 80, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-81

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTAGACCAAGCCATTGC 411
Db 20 GGTAGACCAAGCCATTGC 1

RESULT 647
US-10-005-344-82/c
; Sequence 82, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-81
```

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-82

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTTGAAGTTA 422
|||||
DB 20 AGCCATTGCTTTTGAAGTTA 1

RESULT 648

US-10-005-344-83/c
; Sequence 83, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-83

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 422 ATTAAAGTCTGTTGGTGAC 441
|||||
DB 20 ATTAAAGTCTGTTGGTGAC 1

RESULT 649

US-10-005-344-84/c
; Sequence 84, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-84

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 ACTTACTATGAAAGAGGT 469
|||||
DB 20 ACTTACTATGAAAGAGGT 1

RESULT 650

US-10-005-344-85/c
; Sequence 85, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-85

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 477 TATCTGGCCAGTATATTAT 496
|||||
DB 20 TATCTGGCCAGTATATTAT 1

RESULT 651

US-10-005-344-86/c
; Sequence 86, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

```

; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-86

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 490 ATATTATGACTAAACGATTA 509
Db 20 ATATTATGACTAAACGATTA 1

```

```

RESULT 652
US-10-005-344-87/c
; Sequence 87, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-87

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 496 TGACTAAACGATTATATGAT 515
Db 20 TGACTAAACGATTATATGAT 1

```

```

RESULT 653
US-10-005-344-88/c

```

```

; Sequence 88, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-88

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 503 ACGATTATATGATGAGAAGC 522
Db 20 ACGATTATATGATGAGAAGC 1

```

```

RESULT 654
US-10-005-344-89/c
; Sequence 89, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-89

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 515 TGAGAAGCAACACATATTG 534

```

Db 20 TCAGAAGCAACAATATTG 1

RESULT 655
US-10-005-344-90/c
; Sequence 90, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-90

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 525 CAACATATTGATATTGTC 544
Db 20 CAACATATTGATATTGTC 1

RESULT 656
US-10-005-344-91/c
; Sequence 91, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-91

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 531 ATTGTATATTGTTCAAATGA 550
Db 20 ATTGTATATTGTTCAAATGA 1

RESULT 657
US-10-005-344-92/c
; Sequence 92, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-92

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 538 ATTGTTCAAATGATCTTCTA 557
Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 658
US-10-005-344-93/c
; Sequence 93, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-93

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
      |||||
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 659
US-10-005-344-94/c
; Sequence 94, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-94

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTGGCGTGCCA 578
      |||||
Db 20 GAGATTGTTGGCGTGCCA 1

RESULT 660
US-10-005-344-95/c
; Sequence 95, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-95

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAAG 594
      |||||
Db 20 GCCAAGCTTCTCTGTGAAAG 1

RESULT 662
US-10-005-344-97/c
; Sequence 97, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-97

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GTTTGGCGTGCCCAAGCTTCT 585
      |||||
Db 20 GTTTGGCGTGCCCAAGCTTCT 1

RESULT 661
US-10-005-344-96/c
; Sequence 96, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-96

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAAG 594
      |||||
Db 20 GCCAAGCTTCTCTGTGAAAG 1

RESULT 662
US-10-005-344-97/c
; Sequence 97, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
```

; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 97
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-97

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAACAGCACAGGAAAA 606
 |||||
 Db 20 TGTGAACAGCACAGGAAAA 1

RESULT 663

US-10-005-344-98/c
 ; Sequence 98, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 98
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-98

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 593 AGACGACAGGAAATATATA 612
 |||||
 Db 20 AGACGACAGGAAATATATA 1

RESULT 664

US-10-005-344-99/c
 ; Sequence 99, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang

; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 99
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-99

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAATATATACCATGAT 619
 |||||
 Db 20 AGGAAATATATACCATGAT 1

RESULT 665

US-10-005-344-100/c
 ; Sequence 100, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 100
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-100

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 609 TATACCATGATCTACAGGAA 628
 |||||
 Db 20 TATACCATGATCTACAGGAA 1

RESULT 666

US-10-005-344-101/c
 ; Sequence 101, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia


```

; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-101

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      619 TCTACAGGACTTGGTAGTA 638
Db      20 TCTACAGGACTTGGTAGTA 1

```

RESULT 667

```

US-10-005-344-102/c
; Sequence 102, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-102

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      634 TAGTAGTCAATCAGCAGGAA 653
Db      20 TAGTAGTCAATCAGCAGGAA 1

```

RESULT 668

```

US-10-005-344-103/c
; Sequence 103, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-103

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      646 AGCAGGAATCATCGGACTCA 665
Db      20 AGCAGGAATCATCGGACTCA 1

```

RESULT 669

```

US-10-005-344-104/c
; Sequence 104, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-104

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      656 ATCGGACTCAGGTACATCTG 675

```

```

Db      20 ATCGGACTCAGGTACATCTG 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 670
US-10-005-344-105/c
; Sequence 105, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-105

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

YQ      669 ACATCTGTGAGTGAGACAG 688
|||||
Db      20 ACATCTGTGAGTGAGACAG 1

RESULT 671
US-10-005-344-106/c
; Sequence 106, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-106

Db      20 AGAACAGGTGTCACCTTGAA 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 672
US-10-005-344-107/c
; Sequence 107, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-107

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

YQ      691 GTCACCTTGAGTGGGAGT 710
|||||
Db      20 GTCACCTTGAGTGGGAGT 1

RESULT 673
US-10-005-344-108/c
; Sequence 108, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-108

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-108

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGATCAAAAGGACC 723
      |||||
Db 20 TGGAGTGATCAAAAGGACC 1

RESULT 674
US-10-005-344-109/c
; Sequence 109, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-109

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGTCAGAGCTT 737
      |||||
Db 20 AGGACCTTGTCAGAGCTT 1

RESULT 675
US-10-005-344-110/c
; Sequence 110, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

```

```

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-110

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
      |||||
Db 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 676
US-10-005-344-111/c
; Sequence 111, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-111

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
      |||||
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 677
US-10-005-344-112/c
; Sequence 112, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344

```

; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-112

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCATCTTCACATTGGTTT 771
Db 20 TTCATCTTCACATTGGTTT 1

RESULT 678
US-10-005-344-113/c
; Sequence 113, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 761 ACATTTGGTTTCTAGACCAT 780
Db 20 ACATTTGGTTTCTAGACCAT 1

RESULT 679
US-10-005-344-114/c
; Sequence 114, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller

; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-114

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 774 AGACCATCTACCTCATCTAG 793
Db 20 AGACCATCTACCTCATCTAG 1

RESULT 680
US-10-005-344-115/c
; Sequence 115, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-115

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAAGGAGAGCAATT 806
Db 20 CATCTAGAAGGAGAGCAATT 1

RESULT 681
US-10-005-344-116/c
; Sequence 116, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-116

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 798 AGAGCAATTAGTGAGACAGA 817
      |||||
Db 20 AGAGCAATTAGTGAGACAGA 1

```

RESULT 682

```

US-10-005-344-117/c
; Sequence 117, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 117
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-117

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 810 GAGACAGAGAGAAATTCAGA 829
      |||||
Db 20 GAGACAGAGAGAAATTCAGA 1

```

```

RESULT 683
US-10-005-344-118/c
; Sequence 118, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-118

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 824 TTCAGATGAATTATCTGGTG 843
      |||||
Db 20 TTCAGATGAATTATCTGGTG 1

```

RESULT 684

```

US-10-005-344-119/c
; Sequence 119, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-119

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 833 ATTATCTGGTGAACGACAAA 852
|||||
Db 20 ATTATCTGGTGAACGACAAA 1

RESULT 685

US-10-005-344-120/c
; Sequence 120, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-120

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAACGCCAC 863
|||||
Db 20 AACGACAAAGAAACGCCAC 1

RESULT 686

US-10-005-344-121/c
; Sequence 121, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-121

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAATCTGATAGTA 876
|||||
Db 20 ACGCCACAATCTGATAGTA 1

RESULT 687

US-10-005-344-122/c
; Sequence 122, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-122

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 867 TCTGATAGTATTCCTTTC 886
|||||
Db 20 TCTGATAGTATTCCTTTC 1

RESULT 688

US-10-005-344-123/c
; Sequence 123, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-123

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CCCTTTCCTTTGATGAAGC 899
Db 20 CCCTTTCCTTTGATGAAGC 1

RESULT 689
US-10-005-344-124/c
; Sequence 124, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-124

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCCTGGCTCTGTGTGA 914
Db 20 AAAGCCTGGCTCTGTGTGA 1

RESULT 690
US-10-005-344-125/c
; Sequence 125, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-125/c

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCTGTGTGTATTAAGGAG 923
Db 20 CTCTGTGTGTATTAAGGAG 1

RESULT 691
US-10-005-344-126/c
; Sequence 126, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-126

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGGAGATATGTTGTGA 934
Db 20 ATAAGGGAGATATGTTGTGA 1

RESULT 692
US-10-005-344-127/c
; Sequence 127, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```

; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-127

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTGTGAAAGACGAGTAG 946
Db 20 TTTGTGAAAGACGAGTAG 1

RESULT 693
US-10-005-344-128/c
; Sequence 128, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-128

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955
Db 20 AGAAGCAGTAGCAGTGAATC 1

RESULT 694
US-10-005-344-129/c
; Sequence 129, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia

```

```

; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-129

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 GTGAATCTACAGGACGCCA 968
Db 20 GTGAATCTACAGGACGCCA 1

RESULT 695
US-10-005-344-130/c
; Sequence 130, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-130

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCCGATCTT 983
Db 20 CGCCATCGAATCCGATCTT 1

RESULT 696
US-10-005-344-131/c
; Sequence 131, Application US/10005344
; Publication No. US20030203862A1

```



```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-131

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 971 GAATCCGGATCTTGATGCTG 990
Db 20 GAATCCGGATCTTGATGCTG 1

```

```

RESULT 697
US-10-005-344-132/c
; Sequence 132, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-132

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 983 TGATGCTGGTGAAGTCAAC 1002
Db 20 TGATGCTGGTGAAGTCAAC 1

```

```

RESULT 698
US-10-005-344-133/c
; Sequence 133, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-133

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 996 AGTGAACATTCAGTGCATTG 1015
Db 20 AGTGAACATTCAGTGCATTG 1

```

```

RESULT 699
US-10-005-344-134/c
; Sequence 134, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US 10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-134

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY 1006 CAGGTGATTGGTTGATCAG 1025
      |||||||
Db 20 CAGGTGATTGGTTGATCAG 1

US-10-005-344-135/c
RESULT 700
; Sequence 135, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-135

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036
      |||||||
Db 20 TTGGATCAGGATTCAGTTTC 1

US-10-005-344-136/c
RESULT 701
; Sequence 136, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-136

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036
      |||||||
Db 20 TTGGATCAGGATTCAGTTTC 1

US-10-005-344-136/c
RESULT 700
; Sequence 135, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-135

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTGTAG 1053
      |||||||
Db 20 TTCAGATCAGTTTAGTGTAG 1

US-10-005-344-137/c
RESULT 702
; Sequence 137, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-137

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTGTAG 1053
      |||||||
Db 20 TTCAGATCAGTTTAGTGTAG 1

US-10-005-344-137/c
RESULT 703
; Sequence 138, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 138
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-138

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1046 TAGGTAGAAATTTGAAGTTG 1065
Db 20 TAGGTAGAAATTTGAAGTTG 1

RESULT 704
US-10-005-344-139/c
; Sequence 139, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-139

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1051 TAGAAATTTGAAGTTGAATCT 1070
Db 20 TAGAAATTTGAAGTTGAATCT 1

RESULT 705
US-10-005-344-140/c
; Sequence 140, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-141

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1059 GAAGTTGAATCTCTCGACTC 1078
Db 20 GAAGTTGAATCTCTCGACTC 1

RESULT 706
US-10-005-344-141/c
; Sequence 141, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-141

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1068 TCTCTCGACTCAGAGATTGA 1087
Db 20 TCTCTCGACTCAGAGATTGA 1

RESULT 707
US-10-005-344-142/c
; Sequence 142, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

```

```

; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-142

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1077 TCAGAAGATTATAGCCTTAG 1096
Db 20 TCAGAAGATTATAGCCTTAG 1

```

```

RESULT 708
US-10-005-344-143/c
; Sequence 143, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-143.

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1084 ATTATAGCCTTAGTGAGAA 1103
Db 20 ATTATAGCCTTAGTGAGAA 1

```

```

RESULT 709
US-10-005-344-144/c
; Sequence 144, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham

```

```

; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-144

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1092 CTTAGTGAGAGGACAAGA 1111
Db 20 CTTAGTGAGAGGACAAGA 1

```

```

RESULT 710
US-10-005-344-145/c
; Sequence 145, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-145

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1100 AGAAGGACAAAGAACTCTCAG 1119
Db 20 AGAAGGACAAAGAACTCTCAG 1

```

```

RESULT 711
US-10-005-344-146/c
; Sequence 146, Application US/10005344

```

```
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-146

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1105 GACAAGAACTCTCAGATGAA 1124
Db      20 GACAAGAACTCTCAGATGAA 1

RESULT 712
US-10-005-344-147/c
; Sequence 147, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-147

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1115 CTCAGATGAAGATGATGAGG 1134
Db      20 CTCAGATGAAGATGATGAGG 1
```

```
RESULT 713
US-10-005-344-148/c
; Sequence 148, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-148

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1124 AGATGATGAGGTATATCAAG 1143
Db      20 AGATGATGAGGTATATCAAG 1

RESULT 714
US-10-005-344-149/c
; Sequence 149, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-149

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTTACTGTGTAT 1154
Db 20 TATATCAAGTTACTGTGTAT 1

RESULT 715

US-10-005-344-150/c
; Sequence 150, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGAGGGGAG 1168
Db 20 GTGTATCAGCGAGGGGAG 1

RESULT 716

US-10-005-344-151/c
; Sequence 151, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGGAGAGTGATACAGATTC 1180
Db 20 GGGGAGAGTGATACAGATTC 1

RESULT 717

US-10-005-344-152/c
; Sequence 152, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-152

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1170 GATACAGATTCATTGAAGA 1189
Db 20 GATACAGATTCATTGAAGA 1

RESULT 718

US-10-005-344-153/c
; Sequence 153, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0

```

; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-153

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAGATCCTCGAAATTT 1203
Db      |||||
        20 TGAAGAGATCCTCGAAATTT 1

RESULT 719
US-10-005-344-154/c
; Sequence 154, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-154

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGAATTTCTTACCTGACT 1215
Db      |||||
        20 TGAATTTCTTACCTGACT 1

RESULT 720
US-10-005-344-155/c
; Sequence 155, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810

```

```

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-155

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TAGCTGACTATTGGAATGC 1226
Db      |||||
        20 TAGCTGACTATTGGAATGC 1

RESULT 721
US-10-005-344-156/c
; Sequence 156, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 156
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-156

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 GAAATGCACTTCATGCAATG 1239
Db      |||||
        20 GAAATGCACTTCATGCAATG 1

RESULT 722
US-10-005-344-157/c
; Sequence 157, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

```

```
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-157
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1226 CACTTCATGCAATGAATGA 1245
      |||||||
Db 20 CACTTCATGCAATGAATGA 1
```

```
RESULT 723
US-10-005-344-158/c
; Sequence 158, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-158
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1257 CCATCATTGCAACAGATG 1276
      |||||||
Db 20 CCATCATTGCAACAGATG 1
```

```
RESULT 724
US-10-005-344-159/c
; Sequence 159, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-159
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1268 CAACAGATGTGGCCCTTC 1287
      |||||||
Db 20 CAACAGATGTGGCCCTTC 1
```

```
RESULT 725
US-10-005-344-160/c
; Sequence 160, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-160
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1275 TGTGGCCCTTCGTGAGAA 1294
      |||||||
Db 20 TGTGGCCCTTCGTGAGAA 1
```

```
RESULT 726
US-10-005-344-161/c
```



```
; Sequence 161, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 161
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-161

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGAAATGGCTTC 1302
      |||||
Db 20 CCTTCGTGAGAAATGGCTTC 1

RESULT 727
US-10-005-344-162/c
; Sequence 162, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-162

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1292 GAATTGGCTTCCTGAAGATA 1311
      |||||
Db 20 GAATTGGCTTCCTGAAGATA 1

RESULT 728
US-10-005-344-163/c
; Sequence 163, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-163

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1301 TCCTGAAGATAAAGGGAAAG 1320
      |||||
Db 20 TCCTGAAGATAAAGGGAAAG 1

RESULT 729
US-10-005-344-164/c
; Sequence 164, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-164

Query Match          0.8%; Score 20; DB 1; Length 20;
```

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1311 AAAGGAAAGATATAAGGGGA 1330
|||||
Db 20 AAAGGAAAGATATAAGGGGA 1

RESULT 730
US-10-005-344-165/c
; Sequence 165, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-165

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1325 AGGGGAAATCTCTGAGAAAG 1344
|||||
Db 20 AGGGGAAATCTCTGAGAAAG 1

RESULT 731
US-10-005-344-166/c
; Sequence 166, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 166
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-166

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 TCTCTGAGAAAGCCAAACTG 1352
|||||
Db 20 TCTCTGAGAAAGCCAAACTG 1

RESULT 732
US-10-005-344-167/c
; Sequence 167, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-167

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1346 CAAACTGGAAACTCAACAC 1365
|||||
Db 20 CAAACTGGAAACTCAACAC 1

RESULT 733
US-10-005-344-168/c
; Sequence 168, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-168
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1358 CTCACACAAAGCTGAAGAGG 1377
      |||||
Db 20 CTCACACAAAGCTGAAGAGG 1
```

RESULT 734

```
US-10-005-344-169/c
; Sequence 169, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-169
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1368 GCTGAAGAGGGCTTTGATGT 1387
      |||||
Db 20 GCTGAAGAGGGCTTTGATGT 1
```

RESULT 735

```
US-10-005-344-170/c
; Sequence 170, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
```

```
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 170
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-170
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1401 AAAACTATAGTGAATGATTC 1420
      |||||
Db 20 AAAACTATAGTGAATGATTC 1
```

RESULT 736

```
US-10-005-344-171/c
; Sequence 171, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-171
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1412 GAATGATTCACAGAGATCAT 1431
      |||||
Db 20 GAATGATTCACAGAGATCAT 1
```

RESULT 737

```
US-10-005-344-172/c
; Sequence 172, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
```

```

; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 172
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-172

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1421 CAGAGAGTCATGTTGTCAGG 1440
      |||||
Db 20 CAGAGAGTCATGTTGTCAGG 1

```

```

RESULT 738
US-10-005-344-173/c
; Sequence 173, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-173

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1434 GTTGAGGAAATGATGATAA 1453
      |||||
Db 20 GTTGAGGAAATGATGATAA 1

```

```

RESULT 739
US-10-005-344-174/c
; Sequence 174, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia

```

```

; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-174

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1439 GGAATATGATGATAAAATTA 1458
      |||||
Db 20 GGAATATGATGATAAAATTA 1

```

```

RESULT 740
US-10-005-344-175/c
; Sequence 175, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-175

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1449 GATAAAATTACACAGCTTC 1468
      |||||
Db 20 GATAAAATTACACAGCTTC 1

```

```

RESULT 741

```

```

US-10-005-344-176/c
; Sequence 176, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-176

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 742
US-10-005-344-177/c
; Sequence 177, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-177

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAGAAAGTG 1485

```

```

Db 20 TTCACAATCACAGAAAGTG 1

RESULT 743
US-10-005-344-178/c
; Sequence 178, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-178

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 AAGTGAAGACTATTCTCAGC 1500
Db 20 AAGTGAAGACTATTCTCAGC 1

RESULT 744
US-10-005-344-179/c
; Sequence 179, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-179

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCTCAGCCATCAACT 1508
Db 20 ACTATTCTCAGCCATCAACT 1

RESULT 745
US-10-005-344-180/c
; Sequence 180, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-180

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTCTAGTAGCA 1518
Db 20 GCCATCAACTCTAGTAGCA 1

RESULT 746
US-10-005-344-181/c
; Sequence 181, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 181
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-181

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1506 ACTTCTAGTAGCATTATTTA 1525
Db 20 ACTTCTAGTAGCATTATTTA 1

RESULT 747
US-10-005-344-182/c
; Sequence 182, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 182
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-182

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1517 CATTATTATAGCAGCCAAG 1536
Db 20 CATTATTATAGCAGCCAAG 1

RESULT 748
US-10-005-344-183/c
; Sequence 183, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

```

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-183

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTTATAGCAGCCCAAGAGAT 1541
      |||||||||||||||||||
Db 20 TTTATAGCAGCCCAAGAGAT 1

RESULT 749
US-10-005-344-184/c
; Sequence 184, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-184

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 CAAGAAGATGTGAAGAGTT 1552
      |||||||||||||||||||
Db 20 CAAGAAGATGTGAAGAGTT 1

RESULT 750
US-10-005-344-185/c
; Sequence 185, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-185

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1541 TGTGAAGAGTTTGAAGGG 1560
      |||||||||||||||||||
Db 20 TGTGAAGAGTTTGAAGGG 1

RESULT 751
US-10-005-344-186/c
; Sequence 186, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-186

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1550 GTTTGAAGGGGAAGAAACCC 1569
      |||||||||||||||||||
Db 20 GTTTGAAGGGGAAGAAACCC 1

RESULT 752
US-10-005-344-187/c
; Sequence 187, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller

```

APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 187

LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-187

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1560 GAAGAAACCCCAAGACAAAGA 1579
 Db 20 GAAGAAACCCCAAGACAAAGA 1

RESULT 753

US-10-005-344-188/c
 Sequence 188, Application US/10005344
 Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 188

LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-188

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1566 ACCCAAGACAAAGAAGAGAG 1585
 Db 20 ACCCAAGACAAAGAAGAGAG 1

RESULT 754

US-10-005-344-189/c
 Sequence 189, Application US/10005344
 Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 189
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-189

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAGTT 1599
 Db 20 AGAGAGTGTGGAATCTAGTT 1

RESULT 755

US-10-005-344-190/c
 Sequence 190, Application US/10005344
 Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 190
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-190

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1605 CTTAATGCCATTGAACCTTG 1624
 Db 20 CTTAATGCCATTGAACCTTG 1


```

RESULT 756
US-10-005-344-191/c
; Sequence 191, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-191

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1617 GAACCTGTGTGATTGTCTCA 1636
Db 20 GAACCTGTGTGATTGTCTCA 1

RESULT 757
US-10-005-344-192/c
; Sequence 192, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-192

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1624 GTGTGATTTGTCAAGTCTCA 1643
Db 20 GTGTGATTTGTCAAGTCTCA 1

RESULT 758
US-10-005-344-193/c
; Sequence 193, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-193

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1648 AAAATGGTTGCATTGTCCAT 1667
Db 20 AAAATGGTTGCATTGTCCAT 1

RESULT 759
US-10-005-344-194/c
; Sequence 194, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-194

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1657 GCATTGTCATGGCAAAACA 1676

Db 20 GCATTGTCATGGCAAAACA 1

RESULT 760

US-10-005-344-195/c
; Sequence 195, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-195

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTTA 1686

Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 761

US-10-005-344-196/c
; Sequence 196, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 196
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-196

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1675 CAGGACATCTTATGGCCTGC 1694

Db 20 CAGGACATCTTATGGCCTGC 1

RESULT 762

US-10-005-344-197/c
; Sequence 197, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-197

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1684 TTATGGCCTGCTTTACATGT 1703

Db 20 TTATGGCCTGCTTTACATGT 1

RESULT 763

US-10-005-344-198/c
; Sequence 198, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 198
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-198
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1690 CCTGCTTTACATGTGCAAG 1709
      |||||
Db 20 CCTGCTTTACATGTGCAAG 1
```

RESULT 764

```
US-10-005-344-199/c
; Sequence 199, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 03/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-199
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1702 GTGCAAGAAGCTAAAGAAA 1721
      |||||
Db 20 GTGCAAGAAGCTAAAGAAA 1
```

RESULT 765

```
US-10-005-344-200/c
; Sequence 200, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-200
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1710 AAGCTAAAGAAAGGAATAA 1729
      |||||
Db 20 AAGCTAAAGAAAGGAATAA 1
```

RESULT 766

```
US-10-005-344-201/c
; Sequence 201, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-201
```

```
Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1720 AAAGGAATAAGCCTGCCCA 1739
      |||||
Db 20 AAAGGAATAAGCCTGCCCA 1
```

RESULT 767

```
US-10-005-344-202/c
; Sequence 202, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
```

APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 202
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-202

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1726 ATAAGCCCTGCCAGTAGT 1745
Db 20 ATAAGCCCTGCCAGTAGT 1

RESULT 768

US-10-005-344-203/c
Sequence 203, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 203
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-203

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1736 CCCAGTATGTAGACAACCA 1755
Db 20 CCCAGTATGTAGACAACCA 1

RESULT 769

US-10-005-344-204/c
Sequence 204, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 204
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-204

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1745 TAGACCAACCAATTCAAATGA 1764
Db 20 TAGACCAACCAATTCAAATGA 1

RESULT 770

US-10-005-344-205/c
Sequence 205, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 205
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAAATGATTGTGCTAACTT 1776
Db 20 TCAAATGATTGTGCTAACTT 1

RESULT 771
 US-10-005-344-206/c
 ; Sequence 206, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 206
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-206

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1787 GTTGACCTGTCTATAAGAGA 1806
 |||||
 DB 20 GTTGACCTGTCTATAAGAGA 1

RESULT 772
 US-10-005-344-207/c
 ; Sequence 207, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 207
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-207

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1798 TATAAGAGAATTATATATTT 1817
 |||||
 DB 20 TATAAGAGAATTATATATTT 1
 RESULT 773
 US-10-005-344-208/c
 ; Sequence 208, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 208
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-208

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1804 AGAATTATATATTTCTAACT 1823
 |||||
 DB 20 AGAATTATATATTTCTAACT 1

RESULT 774
 US-10-005-344-209/c
 ; Sequence 209, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 209
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-209

US-10-005-344-209

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1808 TTATATATTTCTAACTATAT 1827
|||||
Db 20 TTATATATTTCTAACTATAT 1

RESULT 775

US-10-005-344-210/c
; Sequence 210, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 210
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-210

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATATAACCCCTAG 1835
|||||
Db 20 TTCTAACTATATATAACCCCTAG 1

RESULT 776

US-10-005-344-211/c
; Sequence 211, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 211

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-211

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1823 TATATACCCCTAGGAATTTA 1842
|||||
Db 20 TATATACCCCTAGGAATTTA 1

RESULT 777

US-10-005-344-212/c
; Sequence 212, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-212

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACAACCTG 1851
|||||
Db 20 CTAGGAATTTAGACAACCTG 1

RESULT 778

US-10-005-344-213/c
; Sequence 213, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26

```

; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 213
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-213

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1840 TTAGACAACCTGAAATTAT 1859
Db 20 TTAGACAACCTGAAATTAT 1

```

RESULT 779

```

US-10-005-344-214/c
; Sequence 214, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-214

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1850 TGAATTTATTCACATAT 1869
Db 20 TGAATTTATTCACATAT 1

```

RESULT 780

```

US-10-005-344-215/c
; Sequence 215, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

```

```

; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 215
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-215

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1855 TTTATTCACATATCAAG 1874
Db 20 TTTATTCACATATCAAG 1

```

RESULT 781

```

US-10-005-344-216/c
; Sequence 216, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 216
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-216

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1865 TATATCAAAAGTGAGAAATG 1884
Db 20 TATATCAAAAGTGAGAAATG 1

```

RESULT 782

```

US-10-005-344-217/c
; Sequence 217, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham

```

```

; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-217

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1872 AAGTGAGAAATGCTCAAT 1891
Db 20 AAGTGAGAAATGCTCAAT 1

```

```

RESULT 783
US-10-005-344-218/c
; Sequence 218, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-218

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1883 TGCCTCAATTCACATAGATT 1902
Db 20 TGCCTCAATTCACATAGATT 1

```

```

RESULT 784
US-10-005-344-219/c
; Sequence 219, Application US/10005344

```

```

; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 219
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-219

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1889 AATTCACATAGATTTCTTCT 1908
Db 20 AATTCACATAGATTTCTTCT 1

```

```

RESULT 785
US-10-005-344-220/c
; Sequence 220, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-220

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1898 AGATTTCTTCTTTTAGTAT 1917
Db 20 AGATTTCTTCTTTTAGTAT 1

```



```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TCTTTAGTATAATTGACCTA 1927
      |||||
Db 20 TCTTTAGTATAATTGACCTA 1

RESULT 788
US-10-005-344-223/c
; Sequence 223, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 223
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-223

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTTG 1932
      |||||
Db 20 AGTATAATTGACCTACTTTG 1

RESULT 789
US-10-005-344-224/c
; Sequence 224, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 224
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-221/c
; Sequence 221, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 221
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-221

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1905 TTCTCTTTAGTATAATTGAC 1924
      |||||
Db 20 TTCTCTTTAGTATAATTGAC 1

RESULT 787
US-10-005-344-222/c
; Sequence 222, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-005-344-222
; Sequence 222, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-224

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1920 TTGACCTACTTTGGTAGTGG 1939
Db 20 TTGACCTACTTTGGTAGTGG 1

RESULT 790
US-10-005-344-225/c
; Sequence 225, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-225

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1933 GTAGTGGAAATAGTGAATACT 1952
Db 20 GTAGTGGAAATAGTGAATACT 1

RESULT 791
US-10-005-344-226/c
; Sequence 226, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-226

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATATTTGACT 1967
Db 20 ATACTTACTATATTTGACT 1

RESULT 793
US-10-005-344-228/c
; Sequence 228, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-227

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1940 AATAGTGAATACTTACTATA 1959
Db 20 AATAGTGAATACTTACTATA 1

RESULT 792
US-10-005-344-227/c
; Sequence 227, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 227
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-227
```

```

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 228
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-228

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1956 TATAATTGACTTGAATG 1975
      |||||
DB 20 TATAATTGACTTGAATG 1

```

```

RESULT 794
US-10-005-344-229/c
; Sequence 229, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-229

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1969 GAATATGTAGCTATCCTTT 1988
      |||||
DB 20 GAATATGTAGCTATCCTTT 1

```

```

RESULT 795
US-10-005-344-230/c
; Sequence 230, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

```

```

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 230
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-230

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1973 ATGTAGCTATCCTTTACAC 1992
      |||||
DB 20 ATGTAGCTATCCTTTACAC 1

```

```

RESULT 796
US-10-005-344-231/c
; Sequence 231, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-231

```

```

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1982 ATCCTTTACCAACTCCTTA 2001
      |||||
DB 20 ATCCTTTACCAACTCCTTA 1

```

```

RESULT 797
US-10-005-344-232/c
; Sequence 232, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

```

```

; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 232
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-232

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1990 CACCAACTCCTTAATTTTAAA 2009
Db 20 CACCAACTCCTTAATTTTAAA 1

```

RESULT 798

```

US-10-005-344-233/c
; Sequence 233, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-233

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1997 TCCTAATTTTAAATAATTC 2016
Db 20 TCCTAATTTTAAATAATTC 1

```

RESULT 799

```

US-10-005-344-234/c

```

```

; Sequence 234, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-234

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2004 TTTAAATAATTTCTACTCTG 2023
Db 20 TTTAAATAATTTCTACTCTG 1

```

RESULT 800

```

US-10-005-344-235/c
; Sequence 235, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-235

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2015 TCTACTCTGTCTTAAATGAG 2034

```

```
Db      20 TCTACTCTGCTTAAATGAG 1
RESULT 801
US-10-005-344-236/c
; Sequence 236, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-236
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2020 TCTGCTTTAAATGAGAAGTA 2039
Db      20 TCTGCTTTAAATGAGAAGTA 1
RESULT 802
US-10-005-344-237/c
; Sequence 237, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-237
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 TCTACTCTGCTTAAATGAG 1
RESULT 803
US-10-005-344-238/c
; Sequence 238, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-238
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2051 TTTTCTTAAATATGTATATG 2070
Db      20 TTTTCTTAAATATGTATATG 1
RESULT 804
US-10-005-344-239/c
; Sequence 239, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-10-005-344-239
```

```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-239

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACCTATTATA 2091
Db 20 CATTAAATGTAACCTATTATA 1

RESULT 805
US-10-005-344-240/c
; Sequence 240, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 240
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-240

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGCTCTGTAC 2122
Db 20 ACCGAGTCTTGCTCTGTAC 1

RESULT 806
US-10-005-344-241/c
; Sequence 241, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379

```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-241

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCTG 2130
Db 20 TTGCTCTGTACCCAGGCTG 1

RESULT 807
US-10-005-344-242/c
; Sequence 242, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 242
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-242

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
Db 20 CTGTTACCCAGGCTGGAGTG 1

RESULT 808
US-10-005-344-243/c
; Sequence 243, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04

```

```

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-243

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2123 CCAGGCTGGAGTGCAGTGGG 2142
      |||||
Db 20 CCAGGCTGGAGTGCAGTGGG 1

```

```

RESULT 809
US-10-005-344-244/c
; Sequence 244, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 244
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-244

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2133 GTCAGTGGGTGATCTGGC 2152
      |||||
Db 20 GTCAGTGGGTGATCTGGC 1

```

```

RESULT 810
US-10-005-344-245/c
; Sequence 245, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang

```

```

; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 245
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-245

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2140 GGGTGATCTGGCTCACTGC 2159
      |||||
Db 20 GGGTGATCTGGCTCACTGC 1

```

```

RESULT 811
US-10-005-344-246/c
; Sequence 246, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 246
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-246

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2146 TCTTGGCTCACTGCAAGTC 2165
      |||||
Db 20 TCTTGGCTCACTGCAAGTC 1

```

```

RESULT 812
US-10-005-344-247/c
; Sequence 247, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia

```

```
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 247
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-247
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2153 TCACTGCAAGCTCTGCCCTC 2172
Db 20 TCACTGCAAGCTCTGCCCTC 1
```

```
RESULT 813
US-10-005-344-248/c
; Sequence 248, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 248
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-248
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2176 GGGTTCGACCACTTCTCTG 2195
Db 20 GGGTTCGACCACTTCTCTG 1
```

```
RESULT 814
```

```
US-10-005-344-249/c
; Sequence 249, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 249
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-249
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2185 CCATTCTCCTGCCTCAGCCT 2204
Db 20 CCATTCTCCTGCCTCAGCCT 1
```

```
RESULT 815
US-10-005-344-250/c
; Sequence 250, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-250
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2191 TCCTGCCTCAGCCTCCCAAT 2210
```



```
Db      20 TCCTGCCTCAGCCTCCCAAT 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 816
US-10-005-344-251/c
; Sequence 251, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-251

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db      20 TCAGCTCCCAATTAGCTTG 2217
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 817
US-10-005-344-252/c
; Sequence 252, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 252
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-252

Db      20 TCAGCTCCCAATTAGCTTG 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 819
US-10-005-344-254/c
; Sequence 254, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 254
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-253

Db      20 TTAGCTTGGCCTACAGTCAT 1
|||||
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 818
US-10-005-344-253/c
; Sequence 253, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 253
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-253
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-254

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCCTACAGTCATCTG 2232
Db 20 GCTTGGCCTACAGTCATCTG 1

RESULT 820
US-10-005-344-255/c
; Sequence 255, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-255

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACC 2237
Db 20 GCCTACAGTCATCTGCCACC 1

RESULT 821
US-10-005-344-256/c
; Sequence 256, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 256
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-256/c

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTTGTACTTTTACTAGAGAC 2272
Db 20 TTTGTACTTTTACTAGAGAC 1

RESULT 823
US-10-005-344-258/c
; Sequence 258, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 257
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-257/c

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAAATT 2251
Db 20 GCCACCACCTGGCTAAATT 1

RESULT 822
US-10-005-344-257/c
; Sequence 257, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 257
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-257
```

```
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 258
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-258
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2265 GTAGAGACAGGGTTTCACCG 2284
Db 20 GTAGAGACAGGGTTTCACCG 1
```

RESULT 824

```
US-10-005-344-259/c
; Sequence 259, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 259
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-259
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2274 GGGTTTCACCGTTAGCCA 2293
Db 20 GGGTTTCACCGTTAGCCA 1
```

RESULT 825

```
US-10-005-344-260/c
; Sequence 260, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
```

```
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-260
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2283 CGTGTAGCCAGGATGCTCT 2302
Db 20 CGTGTAGCCAGGATGCTCT 1
```

RESULT 826

```
US-10-005-344-261/c
; Sequence 261, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-261
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2290 GCCAGGATGCTCGATCTC 2309
Db 20 GCCAGGATGCTCGATCTC 1
```

RESULT 827

```
US-10-005-344-262/c
; Sequence 262, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-262

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2298 GGTCTCGATCTCTGACCTC 2317
      |||||
DB 20 GGTCTCGATCTCTGACCTC 1

```

```

RESULT 828
US-10-005-344-263/c
; Sequence 263, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 263
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-263

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2307 CTCCTGACCTCGTATCCGC 2326
      |||||
DB 20 CTCCTGACCTCGTATCCGC 1

```

```

RESULT 829
US-10-005-344-264/c
; Sequence 264, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 264
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-264

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2319 TGATCGCCACCTCGGCCT 2338
      |||||
DB 20 TGATCGCCACCTCGGCCT 1

```

```

RESULT 830
US-10-005-344-265/c
; Sequence 265, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-265

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 2325 GCCCACCTCGGCTCCCAA 2344
 Db 20 GCCCACCTCGGCTCCCAA 1

RESULT 831

US-10-005-344-266/c
 ; Sequence 266, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 266
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-266

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGGA 2353
 Db 20 GGCTCCCAAGTCTGGGA 1

RESULT 832

US-10-005-344-267/c
 ; Sequence 267, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 267
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-267

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAG 2360
 Db 20 CAAAGTCTGGGATTACAG 1

RESULT 833

US-10-005-344-268/c
 ; Sequence 268, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 268
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-268

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
 Db 20 GGATTACAGCATGAGCCAC 1

RESULT 834

US-10-005-344-276/c
 ; Sequence 276, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 276
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-276

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-276

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 315 TGCATACCAACATGTCGT 334
Db 20 TGCATACCAACATGTCGT 1

RESULT 835
US-10-005-344-277/c
; Sequence 277, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 277
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-277

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 356 CACCTCACAGATCCAGCTT 375
Db 20 CACCTCACAGATCCAGCTT 1

RESULT 836
US-10-005-344-278/c
; Sequence 278, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
```

```
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 278
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-278

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCACAGATCCAGCTTC 376
Db 20 ACCTCACAGATCCAGCTTC 1

RESULT 837
US-10-005-344-279/c
; Sequence 279, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 279
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-279

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 358 CCTCACAGATCCAGCTTCG 377
Db 20 CCTCACAGATCCAGCTTCG 1

RESULT 838
US-10-005-344-280/c
; Sequence 280, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
```

```

; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 280
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-280

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 359 CTCACAGATTCAGCTTCGG 378
      |||||
Db 20 CTCACAGATTCAGCTTCGG 1

```

RESULT 839

```

US-10-005-344-281/c
; Sequence 281, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 281
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-281

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 360 TCACAGATTCAGCTTCGGA 379
      |||||
Db 20 TCACAGATTCAGCTTCGGA 1

```

RESULT 840

```

US-10-005-344-282/c
; Sequence 282, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia

```

```

; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 282
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-282

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 362 ACAGATTCAGCTTCGGAAC 381
      |||||
Db 20 ACAGATTCAGCTTCGGAAC 1

```

RESULT 841

```

US-10-005-344-283/c
; Sequence 283, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 283
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-005-344-283

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 363 CAGATTCAGCTTCGGAACA 382
      |||||
Db 20 CAGATTCAGCTTCGGAACA 1

```

RESULT 842

```

US-10-005-344-284/c
; Sequence 284, Application US/10005344
; Publication No. US20030203862A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-284

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 364 AGATTCACAGCTTCGGAACA 383
    |||||
Db 20 AGATTCACAGCTTCGGAACA 1

```

```

RESULT 843
US-10-005-344-285/c
; Sequence 285, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 285
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-285

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 365 GATTCACAGCTTCGGAACAAG 384
    |||||
Db 20 GATTCACAGCTTCGGAACAAG 1

```

```

RESULT 844
US-10-005-344-286/c
; Sequence 286, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 286
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-286

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 366 ATTCACAGCTTCGGAACAAGA 385
    |||||
Db 20 ATTCACAGCTTCGGAACAAGA 1

```

```

RESULT 845
US-10-005-344-287/c
; Sequence 287, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-287

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```


Qy 367 TTCAGCTTCGGAACAAGAG 386
 |||||
 Db 20 TTCAGCTTCGGAACAAGAG 1

RESULT 846

US-10-005-344-288/c
 ; Sequence 288, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 288
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-288

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 368 TTCAGCTTCGGAACAAGAG 387
 |||||
 Db 20 TTCAGCTTCGGAACAAGAG 1

RESULT 847

US-10-005-344-289/c
 ; Sequence 289, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 289
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-289

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 369 CCAGCTTCGGAACAAGAG 388
 |||||
 Db 20 CCAGCTTCGGAACAAGAG 1

RESULT 848

US-10-005-344-290/c
 ; Sequence 290, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 290
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-290

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 481 TTGGCCAGTATATATGACT 500
 |||||
 Db 20 TTGGCCAGTATATATGACT 1

RESULT 849

US-10-005-344-291/c
 ; Sequence 291, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 291

; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-291

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 482 TGCCAGTATATTGACTA 501
 |||||
 Db 20 TGCCAGTATATTGACTA 1

RESULT 850
 US-10-005-344-292/c
 ; Sequence 292, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 292
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-292

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 483 GGCCAGTATATTGACTAA 502
 |||||
 Db 20 GGCCAGTATATTGACTAA 1

RESULT 851
 US-10-005-344-293/c
 ; Sequence 293, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 293
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-293

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAGGAG 799
 |||||
 Db 20 TCTACCTCATCTAGAGGAG 1

RESULT 852
 US-10-005-344-294/c
 ; Sequence 294, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ; FILE REFERENCE: ISPH-0622
 ; CURRENT APPLICATION NUMBER: US/10/005,344
 ; CURRENT FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: US 09/048,810
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/280,805
 ; PRIOR FILING DATE: 1999-03-26
 ; NUMBER OF SEQ ID NOS: 379
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 294
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-294

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 781 CTACCTCATCTAGAGGAGA 800
 |||||
 Db 20 CTACCTCATCTAGAGGAGA 1

RESULT 853
 US-10-005-344-295/c
 ; Sequence 295, Application US/10005344
 ; Publication No. US20030203862A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia
 ; APPLICANT: Pamela Nero
 ; APPLICANT: Mark J. Graham
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Erich Koller
 ; APPLICANT: Mingyi Chiang
 ; APPLICANT: Mano Manoharan
 ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

```
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 295
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-295
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1200 ATTTCCTTAGCTGACTATTG 1219
Db 20 ATTTCCTTAGCTGACTATTG 1
```

RESULT 854

```
US-10-005-344-296/c
; Sequence 296, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 296
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-296
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1201 TTTCCTTAGCTGACTATTGG 1220
Db 20 TTTCCTTAGCTGACTATTGG 1
```

RESULT 855

```
US-10-005-344-297/c
; Sequence 297, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-297
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1202 TTCCTTAGCTGACTATTGGA 1221
Db 20 TTCCTTAGCTGACTATTGGA 1
```

RESULT 856

```
US-10-005-344-298/c
; Sequence 298, Application US/10005344
; Publication No. US20030203862A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 298
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-298
```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1203 TCCTTAGCTGACTATTGGA 1222
Db 20 TCCTTAGCTGACTATTGGA 1
```

RESULT 857

```
US-10-005-344-299/c
; Sequence 299, Application US/10005344
```

Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 299
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-299

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGCAATCC 1249
 DB 20 TCATGCAATGAATGCAATCC 1

RESULT 858
 US-10-005-344-300/c
 Sequence 300, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 300
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-300

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1341 AAAGCCAACTGGAAACTC 1360
 DB 20 AAAGCCAACTGGAAACTC 1

RESULT 859
 US-10-005-344-301/c
 Sequence 301, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 301
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-301

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1342 AAGCCAACTGGAAACTCA 1361
 DB 20 AAGCCAACTGGAAACTCA 1

RESULT 860
 US-10-005-344-302/c
 Sequence 302, Application US/10005344
 Publication No. US20030203862A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia
 APPLICANT: Pamela Nero
 APPLICANT: Mark J. Graham
 APPLICANT: Brett P. Monia
 APPLICANT: Erich Koller
 APPLICANT: Mingyi Chiang
 APPLICANT: Mano Manoharan
 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 FILE REFERENCE: ISPH-0622
 CURRENT APPLICATION NUMBER: US/10/005,344
 CURRENT FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 09/048,810
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: US 09/280,805
 PRIOR FILING DATE: 1999-03-26
 NUMBER OF SEQ ID NOS: 379
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 302
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-302

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1622 TTGTGATTTGTCAAGTC 1641
      |||||
Db 20 TTGTGATTTGTCAAGTC 1

RESULT 861
US-10-005-344-303/c
; Sequence 303, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 303
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-303

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1632 TGTCAGGTGACCTAAAAA 1651
      |||||
Db 20 TGTCAGGTGACCTAAAAA 1

RESULT 862
US-10-005-344-304/c
; Sequence 304, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-303

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1632 TGTCAGGTGACCTAAAAA 1651
      |||||
Db 20 TGTCAGGTGACCTAAAAA 1

RESULT 863
US-10-005-344-305/c
; Sequence 305, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-305

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1652 TGTTGTCATTTGTCATGGCA 1671
      |||||
Db 20 TGTTGTCATTTGTCATGGCA 1

RESULT 864
US-10-005-344-306/c
; Sequence 306, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-306
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-304

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1642 GACCTAAAAATGTTGCATT 1661
      |||||
Db 20 GACCTAAAAATGTTGCATT 1

RESULT 863
US-10-005-344-305/c
; Sequence 305, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-305

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1652 TGTTGTCATTTGTCATGGCA 1671
      |||||
Db 20 TGTTGTCATTTGTCATGGCA 1

RESULT 864
US-10-005-344-306/c
; Sequence 306, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-306
```

```
; SEQ ID NO 306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-306

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1662 GTCCATGGCAAAACAGGACA 1681
Db 20 GTCCATGGCAAAACAGGACA 1

RESULT 865
US-10-005-344-307/c
; Sequence 307, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-307

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1672 AAACAGGACATCTTATGGCC 1691
Db 20 AAACAGGACATCTTATGGCC 1

RESULT 866
US-10-005-344-308/c
; Sequence 308, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
```

```
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 308
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-308

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1682 TCTTATGGCTGCTTTTACAT 1701
Db 20 TCTTATGGCTGCTTTTACAT 1

RESULT 867
US-10-005-344-309/c
; Sequence 309, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 309
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-309

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1692 TGCTTTACATGTGCAAGAA 1711
Db 20 TGCTTTACATGTGCAAGAA 1

RESULT 868
US-10-005-344-310/c
; Sequence 310, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
```

;; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

;; FILE REFERENCE: ISPH-0622
 ;; CURRENT APPLICATION NUMBER: US/10/005,344
 ;; CURRENT FILING DATE: 2001-12-04
 ;; PRIOR APPLICATION NUMBER: US 09/048,810
 ;; PRIOR FILING DATE: 1998-03-26
 ;; PRIOR APPLICATION NUMBER: US 09/280,805
 ;; PRIOR FILING DATE: 1999-03-26
 ;; NUMBER OF SEQ ID NOS: 379
 ;; SOFTWARE: FastSEQ for Windows Version 4.0
 ;; SEQ ID NO 310
 ;; LENGTH: 20
 ;; TYPE: DNA
 ;; ORGANISM: Artificial Sequence
 ;; FEATURE:
 ;; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-310

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1712 GCTAAAGAAAGGAATAAGC 1731
 |||||
 Db 20 GCTAAAGAAAGGAATAAGC 1

RESULT 869

US-10-005-344-311/c
 ;; Sequence 311, Application US/10005344
 ;; Publication No. US20030203862A1
 ;; GENERAL INFORMATION:
 ;; APPLICANT: Loren J. Miraglia
 ;; APPLICANT: Pamela Nero
 ;; APPLICANT: Mark J. Graham
 ;; APPLICANT: Brett P. Monia
 ;; APPLICANT: Erich Koller
 ;; APPLICANT: Mingyi Chiang
 ;; APPLICANT: Mano Manoharan
 ;; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ;; CURRENT APPLICATION NUMBER: US/10/005,344
 ;; CURRENT FILING DATE: 2001-12-04
 ;; PRIOR APPLICATION NUMBER: US 09/048,810
 ;; PRIOR FILING DATE: 1998-03-26
 ;; PRIOR APPLICATION NUMBER: US 09/280,805
 ;; PRIOR FILING DATE: 1999-03-26
 ;; NUMBER OF SEQ ID NOS: 379
 ;; SOFTWARE: FastSEQ for Windows Version 4.0
 ;; SEQ ID NO 311
 ;; LENGTH: 20
 ;; TYPE: DNA
 ;; ORGANISM: Artificial Sequence
 ;; FEATURE:
 ;; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-311

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1722 AGGAATAAGCCCTGCCCACT 1741
 |||||
 Db 20 AGGAATAAGCCCTGCCCACT 1

RESULT 870

US-10-005-344-312/c
 ;; Sequence 312, Application US/10005344
 ;; Publication No. US20030203862A1
 ;; GENERAL INFORMATION:
 ;; APPLICANT: Loren J. Miraglia
 ;; APPLICANT: Pamela Nero

;; APPLICANT: Mark J. Graham
 ;; APPLICANT: Brett P. Monia
 ;; APPLICANT: Erich Koller
 ;; APPLICANT: Mingyi Chiang
 ;; APPLICANT: Mano Manoharan
 ;; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ;; FILE REFERENCE: ISPH-0622
 ;; CURRENT APPLICATION NUMBER: US/10/005,344
 ;; CURRENT FILING DATE: 2001-12-04
 ;; PRIOR APPLICATION NUMBER: US 09/048,810
 ;; PRIOR FILING DATE: 1998-03-26
 ;; PRIOR APPLICATION NUMBER: US 09/280,805
 ;; PRIOR FILING DATE: 1999-03-26
 ;; NUMBER OF SEQ ID NOS: 379
 ;; SOFTWARE: FastSEQ for Windows Version 4.0
 ;; SEQ ID NO 312
 ;; LENGTH: 20
 ;; TYPE: DNA
 ;; ORGANISM: Artificial Sequence
 ;; FEATURE:
 ;; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-312

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1732 CCTGCCCCAGTATGTAGCAA 1751
 |||||
 Db 20 CCTGCCCCAGTATGTAGCAA 1

RESULT 871

US-10-005-344-313/c
 ;; Sequence 313, Application US/10005344
 ;; Publication No. US20030203862A1
 ;; GENERAL INFORMATION:
 ;; APPLICANT: Loren J. Miraglia
 ;; APPLICANT: Pamela Nero
 ;; APPLICANT: Mark J. Graham
 ;; APPLICANT: Brett P. Monia
 ;; APPLICANT: Erich Koller
 ;; APPLICANT: Mingyi Chiang
 ;; APPLICANT: Mano Manoharan
 ;; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
 ;; CURRENT APPLICATION NUMBER: US/10/005,344
 ;; CURRENT FILING DATE: 2001-12-04
 ;; PRIOR APPLICATION NUMBER: US 09/048,810
 ;; PRIOR FILING DATE: 1998-03-26
 ;; PRIOR APPLICATION NUMBER: US 09/280,805
 ;; PRIOR FILING DATE: 1999-03-26
 ;; NUMBER OF SEQ ID NOS: 379
 ;; SOFTWARE: FastSEQ for Windows Version 4.0
 ;; SEQ ID NO 313
 ;; LENGTH: 20
 ;; TYPE: DNA
 ;; ORGANISM: Artificial Sequence
 ;; FEATURE:
 ;; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-005-344-313

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 8.8e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1742 ATGTAGACAACCAATTCAA 1761
 |||||
 Db 20 ATGTAGACAACCAATTCAA 1

RESULT 872

US-10-005-344-314/c

```
/ Sequence 314, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ PRIOR FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 314
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-314

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1752 CCAATTCAATGATGTGCT 1771
      |||||
Db 20 CCAATTCAATGATGTGCT 1

RESULT 873
US-10-005-344-315/c
/ Sequence 315, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 315
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-315

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1762 TGATTGTGCTAACTTATTC 1781
      |||||
```

```
Db 20 TGATTGTGCTAACTTATTC 1

RESULT 874
US-10-005-344-316/c
/ Sequence 316, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 316
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-316

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1772 AACTTATTTCCCTAGTTGA 1791
      |||||
Db 20 AACTTATTTCCCTAGTTGA 1

RESULT 875
US-10-005-344-317/c
/ Sequence 317, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingyi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 317
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-317

Query Match      0.8%; Score 20; DB 1; Length 20;
```



```
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1782 CCCTAGTTGACCTGCTCTATA 1801
    |||||
Db 20 CCCTAGTTGACCTGCTCTATA 1

RESULT 876
US-10-005-344-318/c
; Sequence 318, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-318

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1792 CCTGCTCTATAAGAGAATTAT 1811
    |||||
Db 20 CCTGCTCTATAAGAGAATTAT 1

RESULT 877
US-10-005-344-332/c
; Sequence 332, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 332
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-332

Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1792 CAAATGATTGTGCTAACTTA 1777
    |||||
Db 20 CAAATGATTGTGCTAACTTA 1

RESULT 879
US-10-148-355A-71/c
; Sequence 71, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-355

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1758 CAAATGATTGTGCTAACTTA 1777
    |||||
Db 20 CAAATGATTGTGCTAACTTA 1

RESULT 878
US-10-005-344-355/c
; Sequence 355, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-355

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1741 GAAGAGAAACCTTCATCTTC 760
    |||||
Db 20 GAAGAGAAACCTTCATCTTC 1
```

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-71

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCCT 2311
Db 20 CAGGATGCTCGATCTCCT 1

RESULT 880

US-10-148-355A-73/c

; Sequence 73, Application US/10148355A

; Publication No. US20030207831A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowart

; APPLICANT: ISIS PHARMACEUTICALS, INC.

; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2

; FILE REFERENCE: RTSP-0082

; CURRENT APPLICATION NUMBER: US/10/148,355A

; CURRENT FILING DATE: 2002-09-30

; PRIOR APPLICATION NUMBER: 09/467,642

; PRIOR FILING DATE: 1999-12-17

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 73

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-148-355A-73

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGATTACAGGCATGA 2365
Db 20 TGCTGGATTACAGGCATGA 1

RESULT 881

US-10-181-875-62

; Sequence 62, Application US/10181875

; Publication No. US2003021633A1

; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Brett P. Monia

; APPLICANT: Robert McKay

; APPLICANT: Madeline M. Butler

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRES

; FILE REFERENCE: RTSP-0356

; CURRENT APPLICATION NUMBER: US/10/181,875

; CURRENT FILING DATE: 2002-07-22

; PRIOR APPLICATION NUMBER: 09/488,856

; PRIOR FILING DATE: 2000-01-21

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 62

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCTCCCAAGTGTCTGGG 2352
Db 1 CGGCTCCCAAGTGTCTGGG 20

RESULT 885
US-10-303-165-80/c
; Sequence 80, Application US/10303165
; Publication No. US20040101847A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: MODULATION OF NOTCH2 EXPRESSION
; FILE REFERENCE: RTS-0387
; CURRENT APPLICATION NUMBER: US/10/303,165
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-165-80

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTGA 2313
Db 20 GGATGGTCTCGATCTCTGA 1

RESULT 886
US-10-671-395-464/c
; Sequence 464, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 464
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-464

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCTCCCAAGTGTCTGGG 2352
Db 20 CGGCTCCCAAGTGTCTGGG 1

RESULT 887
US-10-671-395-581/c
; Sequence 581, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-581

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTCTGGGA 2353
Db 20 GGCCTCCCAAGTGTCTGGGA 1

RESULT 888
US-10-671-395-669/c
; Sequence 669, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 669
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-669

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTGTCTGG 2351

```
Db      20 TCGGCTCCCAAGTGCTG 1
|||||
RESULT 889
US-10-671-395-933/c
; Sequence 933, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 933
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-933

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2335 GCCTCCCAAGTGCTGGAT 2354
|||||
Db      20 GCCTCCCAAGTGCTGGAT 1

RESULT 890
US-10-671-395-1145/c
; Sequence 1145, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1145

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2331 CTCGGCTCCCAAGTGCTG 2350
|||||
Db      20 CTCGGCTCCCAAGTGCTG 1

RESULT 891
US-10-671-395-1347/c
; Sequence 1347, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1347

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATTACAGGCAT 2363
|||||
Db      20 AGTCTGGGATTACAGGCAT 1

RESULT 893
US-10-714-508-2
; Sequence 2, Application US/10714508
; Publication No. US20040142360A1
; GENERAL INFORMATION:
; APPLICANT: QU, KEVIN S.
; APPLICANT: SFERRUZZA, ANTHONY
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1347

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2330 CCTCGGCTCCCAAGTGCT 2349
|||||
Db      20 CCTCGGCTCCCAAGTGCT 1

RESULT 892
US-10-737-576-3/c
; Sequence 3, Application US/10737576
; Publication No. US20040132186A1
; GENERAL INFORMATION:
; APPLICANT: Weissman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/10/737,576
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US/09/956,279
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-737-576-3

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATTACAGGCAT 2363
|||||
Db      20 AGTCTGGGATTACAGGCAT 1

RESULT 893
US-10-714-508-2
; Sequence 2, Application US/10714508
; Publication No. US20040142360A1
; GENERAL INFORMATION:
; APPLICANT: QU, KEVIN S.
; APPLICANT: SFERRUZZA, ANTHONY
```

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING GENOTYPES
; FILE REFERENCE: 034827-3002
; CURRENT APPLICATION NUMBER: US/10/714,508
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/426,639
; PRIOR FILING DATE: 2002-11-15
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent In Ver. 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-10-714-508-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2294 GGATGGTCTCGATCTCTCGA 2313
Db      1 GGATGGTCTCGATCTCTCGA 20
|||||

RESULT 894
US-10-746-547-74
; Sequence 74, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent In version 3.2
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-74

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||

RESULT 895
US-10-746-547-76
; Sequence 76, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent In version 3.2
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-76

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||
```

```
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-76

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAAAATGTGCAATA 321
Db      1 GAGCAGGCAAAATGTGCAATA 20
|||||

RESULT 896
US-10-746-547-77/c
; Sequence 77, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent In version 3.2
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-77

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1253 CTTTCCATCACAATTGCAACA 1272
Db      20 CTTTCCATCACAATTGCAACA 1
|||||

RESULT 897
US-10-746-547-78
; Sequence 78, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent In version 3.2
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-78

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      386 GACCCCTGGTTAGACCAAGC 405
```

```
Db      1  GACCTGGTTAGACCAAGC 20
|||||
RESULT 898
US-10-746-547-79/c
; Sequence 79, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-79

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1007 AGTGATTGGTTGGATCAGG 1026
|||||
Db      20  AGTGATTGGTTGGATCAGG 1

RESULT 899
US-10-746-547-80
; Sequence 80, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
; FILE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-746-547-80

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      302 GAGCAGGCAATGTGCAATA 321
|||||
Db      1  GAGCAGGCAATGTGCAATA 20

RESULT 900
US-10-786-720-13158
; Sequence 13158, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AMI01331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13158
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13158

Query Match      0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 8.8e+02;
Matches 13; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY      2300 TCTCGATCTCTGACCTCGT 2319
|||||
Db      1  UCUCGAUCCUGACCUCCU 20

RESULT 901
US-10-786-720-13161
; Sequence 13161, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AMI01331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13161
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13161

Query Match      0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY      2292 CAGGATGGTCTGATCTCCT 2311
|||||
Db      1  CAGGAUGGUCUGAUCUCCU 20

RESULT 902
US-10-786-720-13227
; Sequence 13227, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AMI01331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13227
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13227
```



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; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13244

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTGCTCAGCC 2203
      |||||
Db 20 ACCATTCTCTGCTCAGCC 1

RESULT 908
US-10-786-720-13245
; Sequence 13245, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13245
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13245

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204
      |||||
Db 1 CCAUUCUCCGCGCAGCCU 20

RESULT 909
US-10-786-720-20440
; Sequence 20440, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20440
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20440

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACGGCATGAGCCACC 2371
      |||||
Db 1 GATTACGGCATGAGCCACC 20

RESULT 910
US-10-751-736-24010
; Sequence 24010, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24010
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-24010

Query Match          0.8%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTCC 2206
      |||||
Db 2 ATTCTCTGCTCAGCCTCC 21

RESULT 911
US-09-958-635A-27
; Sequence 27, Application US/09958635A
; Publication No. US20040224313A1
; GENERAL INFORMATION:
; APPLICANT: ZANGER, Ulrich
; TITLE OF INVENTION: Polymorphisms in the human CYP2B6 gene
; TITLE OF INVENTION: and their use in diagnostic and therapeutic
; TITLE OF INVENTION: applications
; FILE REFERENCE: VOS-19
; CURRENT APPLICATION NUMBER: US/09/958,635A
; CURRENT FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: PCT/EP01/01456
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A primer for use in PCR
; OTHER INFORMATION: amplification of the human genomic DNA to generate a polynucleoti
; OTHER INFORMATION: which is capable of hybridizing to the CYP2B6 gene, and is useful
; OTHER INFORMATION: genotyping of individual CYP2B6 alleles.
US-09-958-635A-27

Query Match          0.8%; Score 20; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACGGCATGAGCCACC 2371
      |||||
Db 1 GATTACGGCATGAGCCACC 20

RESULT 912
US-09-740-668A-55/c
; Sequence 55, Application US/09740668A
```



```
; Patent No. US20020076700A1
; GENERAL INFORMATION:
; APPLICANT: Shinketsu, Richard
; TITLE OF INVENTION: No. US20020076700A1el polypeptides and nucleic acids encoding sam
; FILE REFERENCE: 15966-537 CIP
; CURRENT APPLICATION NUMBER: US/09/740,668A
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: PCT/US99/29584
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: 09/465,512
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: 60/113,485
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/112,837
; PRIOR FILING DATE: 1998-12-18
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2826468 expression probe primer
US-09-740-668A-55

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2269 AGACAGGGTTCCACCGTGTAGCCAG 2294
Db 26 ACATGGGGTCTCACCGTGTAGCCAG 1

RESULT 913
US-09-898-779-33/c
; Sequence 33, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rottler (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-33

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2102 GACCGAGTCTTGCTCTGTATCCAGG 2127
Db 26 GACACAGTCTGCTCAGTTACCCAGG 1

RESULT 914
US-09-939-853A-111/c
; Sequence 111, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
```

```
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-111

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCCTCCCAATTAGCT 2215
Db 26 CTCCTGCCTCAGCCTCAGCAGTAGTGT 1

RESULT 915
US-10-092-900A-464
; Sequence 464, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, Muralidhara
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
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; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: US98 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US98 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: US98 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: US98 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: US98 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US98 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US98 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US98 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: US98 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 464
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-092-900A-464

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2228 ATGCGCCACCACTGCTGCTAAATTT 2253
DB 1 ATGCGCCACCACTGCTGCTAAATTT 26

RESULT 916
US-09-998-425-61
; Sequence 61, Application US/09998425
; Publication No. US20030008346A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/998,425
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/233,086
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/071,861
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-20
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MMSC1 Primers
US-09-998-425-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCTG 2130
DB 1 CTTGCTCTGTACCCAGGCTG 21

RESULT 915
US-10-032-495-40
; Sequence 40, Application US/10032495
; Publication No. US20020155601A1
; GENERAL INFORMATION:
; APPLICANT: YAN, WEN LIANG
; TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
; TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
; TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
; TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
; FILE REFERENCE: 0249-0002US
; CURRENT APPLICATION NUMBER: US/10/032,495
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: 60/258,881
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GCGATTACAGGCATGAGCCAC 2370
DB 1 GCGATTACAGGCATGAGCCAC 21

RESULT 919
US-10-255-434-7/c
; Sequence 7, Application US/10255434
; Publication No. US20030129626A1
```

```
RESULT 917
US-09-997-977-61
; Sequence 61, Application US/09997977
; Publication No. US20030027228A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/997,977
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 09/233,086
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: US 60/071,861
; PRIOR FILING DATE: 1998-01-20
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MMSC1 Primers
US-09-997-977-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCTG 2130
DB 1 CTTGCTCTGTACCCAGGCTG 21
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RESULT 918
US-10-032-495-40
; Sequence 40, Application US/10032495
; Publication No. US20020155601A1
; GENERAL INFORMATION:
; APPLICANT: YAN, WEN LIANG
; TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
; TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
; TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
; TITLE OF INVENTION: MATERIALS AND METHODS USING SAME
; FILE REFERENCE: 0249-0002US
; CURRENT APPLICATION NUMBER: US/10/032,495
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: 60/258,881
; PRIOR FILING DATE: 2001-01-02
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GCGATTACAGGCATGAGCCAC 2370
DB 1 GCGATTACAGGCATGAGCCAC 21

RESULT 919
US-10-255-434-7/c
; Sequence 7, Application US/10255434
; Publication No. US20030129626A1
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```
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-7

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2260 TTTTAGTAGAGACGCGGTTTC 2280
Db      1 TTTTAGTAGAGACGCGGTTTC 1
|||||
RESULT 920
US-10-255-434-19
; Sequence 19, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-19

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2260 TTTTAGTAGAGACGCGGTTTC 2280
Db      1 TTTTAGTAGAGACGCGGTTTC 1
|||||
; Sequence 19, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-19
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; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; TITLE OF INVENTION: POPULATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 736
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; OTHER INFORMATION:
US-10-002-623-736

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2277 TTTCACCGTGTAGCCAGGAT 2297
Db      1 TTTCACCTGTGTAGCCAGGAT 21
|||||
RESULT 922
US-10-091-281-241/c
; Sequence 241, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 241
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative NRSF/NRSF.01 motif
US-10-091-281-241

Query Match          0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2332 TCGGCCTCCCAAAGTCTGGG 2352
Db      21 TCGGCCTTCCAAAGTCTGGG 1
|||||
RESULT 923
US-10-722-689A-18
; Sequence 18, Application US/10722689A
; Publication No. US20040191905A1
; GENERAL INFORMATION:
; APPLICANT: STEVENSON, Mario
; APPLICANT: JACQUE, Jean-Marc
; TITLE OF INVENTION: MODULATION OF HIV REPLICATION BY RNA
; TITLE OF INVENTION: INTERFERENCE
; FILE REFERENCE: UMY-034
; CURRENT APPLICATION NUMBER: US/10/722,689A
; CURRENT FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: 60/428631
```

;; PRIOR FILING DATE: 2002-11-22
;; PRIOR APPLICATION NUMBER: 60/444893
;; PRIOR FILING DATE: 2003-02-04
;; NUMBER OF SEQ ID NOS: 20
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 18
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: primer
US-10-722-689A-18

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGCGTAG 2366
Db 1 TGCTGGGATTACAGCGTAG 21

RESULT 924

US-10-786-720-13162/c
; Sequence 13162, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: O'Toole, Margot
;; APPLICANT: Liu, Wei
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13162
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens

US-10-786-720-13162

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGATG 2298
Db 21 TTCACCGTGTAGCCAGGATG 1

RESULT 925

US-10-786-720-13237/c
; Sequence 13237, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: O'Toole, Margot
;; APPLICANT: Liu, Wei
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13237
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens

US-10-786-720-13237

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGCTC 2303
Db 21 CATGTTAGCCAGGATGCTC 1

RESULT 926

US-10-786-720-13240/c
; Sequence 13240, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: O'Toole, Margot
;; APPLICANT: Liu, Wei
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13240
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens

US-10-786-720-13240

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTAGCCAGGATGTC 2301
Db 21 ACCATGTTAGCCAGGATGTC 1

RESULT 927

US-10-786-720-13246/c
; Sequence 13246, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

;; APPLICANT: Wyeth
;; APPLICANT: O'Toole, Margot
;; APPLICANT: Liu, Wei
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;; FILE REFERENCE: 031896-023000 (AM101331L)
;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 13246
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens

US-10-786-720-13246

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTCGACCATTCCTCGCTC 2199
Db 21 TTCACACCATTCCTCGCTC 1

RESULT 928

US-10-786-720-14251
; Sequence 14251, Application US/10786720
; Publication No. US20040191818A1

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14251
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14251

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2352 GATTACAGGCGTGGCCACCG 2372
      |||||
Db      1 GATTACAGGCGTGGCCACCG 21

RESULT 929
US-10-786-720-20173/c
; Sequence 20173, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20173
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20173

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2352 GATTACAGGCGTGGCCACCG 2372
      |||||
Db      21 GATTACAGGCGTGGCCACGT 1

RESULT 930
US-10-786-720-20374/c
; Sequence 20374, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20374
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20374

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2352 GATTACAGGCGTGGCCACCG 2372
      |||||
Db      21 GATTACAGGCGTGGCCACTG 1

RESULT 931
US-10-751-736-42412/c
; Sequence 42412, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42412
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42412

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2232 GCCACCACCGCTGGCTAATTT 2252
      |||||
Db      21 GCCACCACGCTGGCTAATTT 1

RESULT 932
US-10-751-736-42415/c
; Sequence 42415, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42415

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2231 TGCCACCACACTGGCTAATT 2251
Db 21 TGCCACCACGGCTGGCTAATT 1

RESULT 933

US-10-751-736-42862/c
; Sequence 42862, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42862
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42862

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2185 CCAATTCCTCCTCAGCCTC 2205
Db 21 CAAATTCCTCCTCAGCCTC 1

RESULT 934

US-10-751-736-43678/c
; Sequence 43678, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43678
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43678

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTCTGGGATTACAGCATG 2364
Db 21 AGTCTAGGATTACAGCATG 1

RESULT 935

US-10-751-736-43679/c
; Sequence 43679, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43679
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-43679

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGATTACAGCA 2362
Db 21 AAAGTCTAGGATTACAGCA 1

RESULT 936

US-10-751-736-43813/c
; Sequence 43813, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43813
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43813

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCCTGACCTC 2317
Db 21 TGGTCTCGAATCTCCTGACCTC 1

RESULT 937

US-09-989-420-50
; Sequence 50, Application US/09989420
; Publication No. US20030013671A1
; GENERAL INFORMATION:
; APPLICANT: MINENO, Junichi et al.
; TITLE OF INVENTION: Genomic DNA library
; FILE REFERENCE: 1422-0506P

```
; CURRENT APPLICATION NUMBER: US/09/989,420
; CURRENT FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for an
; OTHER INFORMATION: BRCA1 gene
US-09-989-420-50

Query Match          0.8%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTACAGS 2360
Db 1 CCAAAGTCTAGGATTACAGG 21

RESULT 938
US-10-435-696-244/c
; Sequence 244, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Witz, Ralph
; APPLICANT: Munnee, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP0210291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 244
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D178614 reverse primer
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n=a, c, g or t
US-10-435-696-244

Query Match          0.8%; Score 19.4; DB 1; Length 23;
Best Local Similarity 95.2%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCAAGCTC 2165
Db 23 ATCTTGCTCACTGCAACCTC 3

RESULT 939
US-09-754-106-122/c
; Sequence 122, Application US/09754106
; Publication No. US2003022435A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio

; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-754-106-122

Query Match          0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTTGCTCTGTTAC 2122
Db 24 TGAGATGGAGTCTTGCTCTGTTGC 1

RESULT 940
US-10-745-377-17
; Sequence 17, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
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; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-17

Query Match          0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
Db 1 AGGTTGGTTTCGAACCTCTGACCT 24

RESULT 941
US-10-872-113-17
; Sequence 17, Application US/10872113
; Publication No. US20040229275A1
; GENERAL INFORMATION:
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: 760050-138
; CURRENT APPLICATION NUMBER: US/10/872,113
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-872-113-17

Query Match          0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
Db 1 AGGTTGGTTTCGAACCTCTGACCT 24
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RESULT 942

US-10-793-389-12/c

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; Sequence 12, Application US/10793389
; Publication No. US20040216178A1
; GENERAL INFORMATION:
; APPLICANT: Steinman, Heather
; APPLICANT: Jones, Stephen N
; TITLE OF INVENTION: REGULATION OF MDM2 FUNCTION
; FILE REFERENCE: 07917-199001
; CURRENT APPLICATION NUMBER: US/10/793,389
; CURRENT FILING DATE: 2004-03-03
; PRIOR APPLICATION NUMBER: US 60/451,525
; PRIOR FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: PCR primer based on M. musculus sequence of mdm2
US-10-793-389-12

Query Match          0.8%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 TGCCATTGAACCTTGTTGATTTG 1633
Db 25 TGCCATCGAACCATGTTGATCTG 2

RESULT 943
US-10-016-490C-6
; Sequence 6, Application US/10016490C
; Publication No. US20040072769A1
; GENERAL INFORMATION:
; APPLICANT: Yin, James O.
; TITLE OF INVENTION: Methods for design and selection of short double-stranded
; FILE REFERENCE: 01-2793
; CURRENT APPLICATION NUMBER: US/10/016,490C
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The same as those in human.
US-10-016-490C-6

Query Match          0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGA 387
Db 1 CCAGCTTCGGAACAAGAGA 19

RESULT 944
US-10-758-307-330
; Sequence 330, Application US/10758307
; Publication No. US20040209290A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH, INC.
; APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
; APPLICANT: Cobleigh, Melody
; APPLICANT: Shak, Steven
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
; OTHER INFORMATION: CANCER PROGNOSIS
```


; FILE REFERENCE: 39740/0008 US
; CURRENT APPLICATION NUMBER: US/10/758,307
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,861
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 440
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 330
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: forward primer
US-10-758-307-330

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 955 CTACAGGAGCCCATCGAA 973
|||||
Db 1 CTACAGGAGCCCATCGAA 19

RESULT 945
US-10-005-344-342/c
; Sequence 342, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 342
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-342

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTC 1036
|||||
Db 20 TGGATCAGGATTCAGTTTC 2

RESULT 946
US-10-671-395-695/c
; Sequence 695, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-695

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTGCTGGGAT 2354
|||||
Db 20 CCTCCCAAAGTGCTGGGAT 2

RESULT 947
US-10-671-395-1455/c
; Sequence 1455, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1455

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTGC 2348
|||||
Db 19 CCTCGGCTCCCAAGTGC 1

RESULT 948
US-10-786-720-13157/c
; Sequence 13157, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13157
; LENGTH: 21

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; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13157

Query Match      0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2300 TCTCGATCTCTGACCTCG 2318
Db 19 TCTCGATCTCTGACCTCG 1

RESULT 949
US-10-786-720-13160/c
; Sequence 13160, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13160
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13160

Query Match      0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCTCGATCTCC 2310
Db 19 CAGGATGCTCTCGATCTCC 1

RESULT 950
US-10-786-720-13226/c
; Sequence 13226, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13226
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13226

Query Match      0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2303 CGATCTCTGACCTCGTGA 2321
Db 19 CGATCTCTGACCTCGTGA 1

RESULT 951
US-10-786-720-13232/c
; Sequence 13232, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13232
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13232

Query Match      0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2289 AGCCAGGATGCTCTCGATC 2307
Db 19 AGCCAGGATGCTCTCGATC 1

RESULT 952
US-10-786-720-13235/c
; Sequence 13235, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13235
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13235

Query Match      0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGCTCTCGA 2305
Db 19 TTAGCCAGGATGCTCTCGA 1

RESULT 953
US-10-786-720-20174/c
; Sequence 20174, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
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; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20174
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20174

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
DB 19 GATTACAGGCATGAGCCAC 1

RESULT 954

US-10-786-720-20175
; Sequence 20175, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20175

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-antisense strand

US-10-786-720-20175

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 9.7e+02;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
DB 1 GAUACAGGCAUGAGCCAC 19

RESULT 955

US-10-786-720-20442/c
; Sequence 20442, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20442

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai-antisense strand

US-10-786-720-20442

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACC 2371

DB 20 ATTACAGGCATGAGCCACC 2

RESULT 956

US-10-751-736-5086
; Sequence 5086, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; DISEASES

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 5086

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-5086

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCCTGCCTCAGCCTC 2205
DB 2 ATTCTCCTGCCTCAGCCTC 20

RESULT 957

US-10-751-736-24011
; Sequence 24011, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; DISEASES

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24011

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNai

US-10-751-736-24011

Query Match 0.8%; Score 19; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 9.7e+02;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCCTCAGCCTCC 2206
DB 1 UUCUCCUGCCUCAGCCUCC 19

RESULT 958

US-10-196-095-51/c
; Sequence 51, Application US/10196095

```

; Publication No. US20030158081A1
; GENERAL INFORMATION:
; APPLICANT: March, Ruth E.
; APPLICANT: Thornton, Sarah M.
; TITLE OF INVENTION: CHEMICAL COMPOUNDS
; FILE REFERENCE: 009901/0270771 - AFG/PHM70556/UST
; CURRENT APPLICATION NUMBER: US/10/196,095
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/09/597,835
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: GB 9914440.4
; PRIOR FILING DATE: 1999-06-22
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: MS Word
; SEQ ID NO 51
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-10-196-095-51

Query Match          0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2143 TGATCTGGCTCACTGCAC 2161
Db 22 TGATCTGGCTCACTGCAC 4

RESULT 959
US-10-240-046A-12
; Sequence 12, Application US/10240046A
; Publication No. US20030190639A1
; GENERAL INFORMATION:
; APPLICANT: HUGOT, JEAN-PIERRE
; APPLICANT: THOMAS, GILLES
; APPLICANT: ZOUALI, MOHAMED
; APPLICANT: LESAGE, SUZANNE
; APPLICANT: CHAMAILLARD, MATHIAS
; TITLE OF INVENTION: GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 37991-0009
; CURRENT APPLICATION NUMBER: US/10/240,046A
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: PCT/FR 01/00935
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: FR 00/03832
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 12
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-046A-12

Query Match          0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2341 CAAGTGTGGATTACAGGCA 2362
Db 2 CCAACTGCTGGATTACAGGCA 23

RESULT 960
US-09-752-983-27/c
; Sequence 27, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

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; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-752-983-27

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAGCT 1714
Db 20 TTTCATGTGTAAGAAGCT 1

RESULT 961
US-09-834-700-9
; Sequence 9, Application US/09834700
; Publication No. US20020040130A1
; GENERAL INFORMATION:
; APPLICANT: Braun, A.
; TITLE OF INVENTION: POLYMORPHIC KINASE ANCHOR PROTEINS AND
; FILE REFERENCE: 24736-2035
; CURRENT APPLICATION NUMBER: US/09/834,700
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/240,335
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-09-834-700-9

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Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAGTCTGGGATTAC 2357
|||||
Db 1 TCCCAAGTCTGGGATTAC 20

RESULT 962

US-09-733-294A-82
; Sequence 82, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-82

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATGA 2365
|||||
Db 1 TGCTGGGATTACAGGCCTGA 20

RESULT 963

US-09-795-380-12
; Sequence 12, Application US/09795380
; Patent No. US20020058257A1
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; GENE THERAPY USING REAGENTS DERIVED FROM THE
; HUMAN METASTASIS SUPPRESSOR GENE KAI1

NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD 97
CURRENT APPLICATION DATA:
FILING DATE: 27-Feb-2001
APPLICATION NUMBER: US/09/795,380

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/232,507
FILING DATE: <unknown>
ATTORNEY/AGENT INFORMATION:
NAME: RICHARD W. BORK

REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4172US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-795-380-12

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTGCACCATTCCTCGCCT 2198
|||||
Db 1 TTGCACCATTCCTCGCCT 20

RESULT 964

US-09-263-959-1145/c
; Sequence 1145, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McWaters, David D.

REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1145:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-1145

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
|||||
Db 20 CCCAAAGTCTGGGATTATA 1

```
RESULT 965
US-09-263-959-1177/c
; Sequence 1177, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1177:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1177
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2273 AGGGTTTCACCGTGTAGCC 2292
|||||
Db 20 AGGGTTTCACCGTGTAGTC 1

RESULT 966
US-09-851-771A-27/c
; Sequence 27, Application US/09851771A
; Patent No. US200201511A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDW2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
```

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/851,771A
; FILING DATE: 09-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: 1998-03-26
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-851-771A-27
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 967
US-09-898-556A-84/c
; Sequence 84, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-84
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
|||||
Db 20 ATCTGGCTCACTGCAAGCT 1

RESULT 968
US-09-898-556A-85/c
; Sequence 85, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
```

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 85

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-898-556A-85

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363

Db 20 AGTGTTGGGATTACAGGCAT 1

RESULT 969

US-09-908-147-97/c

; Sequence 97, Application US/09908147

; Publication No. US20030144221A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

; FILE REFERENCES: RTS-0185

; CURRENT APPLICATION NUMBER: US/09/908,147

; CURRENT FILING DATE: 2001-07-17

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 97

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-908-147-97

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGACCCA 2369

Db 20 GGGATTACAGGCATGACCCA 1

RESULT 970

US-10-005-715-18

; Sequence 18, Application US/10005715

; Publication No. US20030023058A1

; GENERAL INFORMATION:

; APPLICANT: University of No. US20030023058A1aith Carolina at Chapel Hill

; APPLICANT: Weston, Brent W.

; APPLICANT: Hiller, Kara M.

; TITLE OF INVENTION: ANTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES AND METHODS OF USE

; FILE REFERENCES: 5470-259CT

; CURRENT APPLICATION NUMBER: US/10/005,715

; CURRENT FILING DATE: 2002-03-21

; PRIOR APPLICATION NUMBER: US 60/131,068

; PRIOR FILING DATE: 1999-04-26

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-005-715-18

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCTGACCTCGTGATCC 2324

Db 1 ATCTCTGACCTCGTGATCC 20

RESULT 971

US-10-314-405-2/c

; Sequence 2, Application US/10314405

; Publication No. US20030108940A1

; GENERAL INFORMATION:

; APPLICANT: Hidetoshi, Inoko

; APPLICANT: Gen, Tamiya

; APPLICANT: Yasunari, Matsuzaka

; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS

; FILE REFERENCE: 06501-069001

; CURRENT APPLICATION NUMBER: US/10/314,405

; CURRENT FILING DATE: 2002-12-06

; PRIOR APPLICATION NUMBER: US/09/713,616

; PRIOR FILING DATE: 2000-11-15

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)..(20)

; OTHER INFORMATION: artificially synthesized primer sequence

US-10-314-405-2

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309

Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 972

US-10-289-845-15/c

; Sequence 15, Application US/10289845

; Publication No. US20030170679A1

; GENERAL INFORMATION:

; APPLICANT: Wood, Linda

; APPLICANT: Wagner, Susanne

; APPLICANT: Parodi, Luis

; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1

; FILE REFERENCE: 00791.US1

; CURRENT APPLICATION NUMBER: US/10/289,845

; CURRENT FILING DATE: 2002-11-07

; NUMBER OF SEQ ID NOS: 51

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-289-845-15

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2304 GATCTCTGACCTCGTGATC 2323

Db 20 GATCTCTGACCTCGTGATC 1

```
RESULT 973
US-10-272-665-53
; Sequence 53, Application US/10272665
; Publication No. US20030180748A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033E
; CURRENT APPLICATION NUMBER: US/10/272,665
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-665-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 974
US-10-273-321-53
; Sequence 53, Application US/10273321
; Publication No. US20030180749A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033B
; CURRENT APPLICATION NUMBER: US/10/273,321
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-273-321-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 975
US-10-272-756-53
; Sequence 53, Application US/10272756
; Publication No. US20030190644A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033C
; CURRENT APPLICATION NUMBER: US/10/272,756
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 976
US-10-190-312A-169/c
; Sequence 169, Application US/10190312A
; Publication No. US20030199468A1
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; APPLICANT: Kruckeberg, Arthur L.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide E23
US-10-190-312A-169

Query Match          0.8%; Score 18.4; DB 1; Length 20;
```

```
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 975
US-10-272-756-53
; Sequence 53, Application US/10272756
; Publication No. US20030190644A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033C
; CURRENT APPLICATION NUMBER: US/10/272,756
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
DB 1 TCCCAAAGTCTGGGATTAC 20

RESULT 976
US-10-190-312A-169/c
; Sequence 169, Application US/10190312A
; Publication No. US20030199468A1
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; APPLICANT: Kruckeberg, Arthur L.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide E23
US-10-190-312A-169

Query Match          0.8%; Score 18.4; DB 1; Length 20;
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```
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
      ||||| ||||| ||||| |||||
Db 20 TGGTCTAGATCTCTGACCT 1

RESULT 977
US-10-005-344-27/c
; Sequence 27, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-27

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
      ||||| ||||| ||||| |||||
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 978
US-10-005-344-326/c
; Sequence 326, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-326

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1328 GGAATCTCTGAGAAAGCCA 1347
      ||||| ||||| ||||| |||||
Db 20 GGAATCTCTGAAAGCCA 1

RESULT 980
US-10-005-344-349/c
; Sequence 349, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 349
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-349

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1515 AGCATTATTATAGCAGCCA 1534
||||| ||||| ||||| ||||| |||||
Db 20 AGCATTGTTTATAGCAGCCA 1

RESULT 981
US-10-005-344-350/c
; Sequence 350, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005.344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-350

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GAAGAGAGTGTGGAATCTAG 1597
||||| ||||| ||||| ||||| |||||
Db 20 GACGAGAGTGTGGAATCTAG 1

RESULT 982
US-10-005-344-353/c
; Sequence 353, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005.344
; CURRENT FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 353
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-353

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1698 ACATGTGCAAGAAGCTAAA 1717
||||| ||||| ||||| ||||| |||||
Db 20 ACGTGTGCAAGAAGCTAAA 1

RESULT 983
US-10-273-228-53
; Sequence 53, Application US/10273228
; Publication No. US20030207297A1
; GENERAL INFORMATION:
; APPLICANT: Braun et al.
; TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
; FILE REFERENCE: 24736-2033D
; CURRENT APPLICATION NUMBER: US/10/273,228
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 09/687,483
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/217,658
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 60/159,176
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/663,968
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-273-228-53

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTGTGGGATTAC 2357
||||| ||||| ||||| ||||| |||||
Db 1 TCCCAAAGTGTGGGATTAC 20

RESULT 984
US-10-282-174-339/c
; Sequence 339, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Vellicalebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.

```
; APPLICANT: Bertram, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-10-282-174-339

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2104 CCGAGTCTGCTGTTACC 2123
| | | | | | | | | | | | | | | |
Db 20 CCGAGTCTGCTGTTGCC 1

RESULT 985
US-10-172-911-80
; Sequence 80, Application US/10172911
; Publication No. US2003032434A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
; FILE REFERENCE: PTS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-172-911-80

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2120 TACCCAGGCTGGAGTGAGT 2139
| | | | | | | | | | | | | | | |
Db 1 TGCCAGGCTGGAGTGAGT 20

RESULT 986
US-10-189-268-71
```

```
; Sequence 71, Application US/10189268
; Publication No. US20040005570A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EX
; FILE REFERENCE: PTS-0021
; CURRENT APPLICATION NUMBER: US/10/189,268
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-189-268-71

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2117 TGTTACCCAGGCTGGAGTGC 2136
| | | | | | | | | | | | | | | |
Db 1 TGTTGCCAGGCTGGAGTGC 20

RESULT 987
US-10-189-267-88/c
; Sequence 88, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-189-267-88

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGATTACAGGCATGAGCC 2368
| | | | | | | | | | | | | | | |
Db 20 TGGATTACAGGCATGAGCC 1

RESULT 988
US-10-189-267-223
; Sequence 223, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 223
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-223

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGATTACAGCGATGAGCC 2368
Db      1 TGGATTACAGCGCGTGAGCC 20

RESULT 989
US-10-433-696-259
; Sequence 259, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnies, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT FILING DATE: 2003-05-09
; CURRENT APPLICATION NUMBER: US/10/435,696
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 259
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D17S1246 forward primer
US-10-433-696-259

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 TCGATCTCTGACCTGTGGA 2321
Db      1 TCGATCTCTGACCTGTGGA 20

RESULT 990
US-10-210-723-78
; Sequence 78, Application US/10210723
; Publication No. US20040023382A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
; FILE REFERENCE: PTS-0028
; CURRENT APPLICATION NUMBER: US/10/210,723
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-723-78

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGCT 2215
Db      1 CCTCAGCCTCCCAAGTAGCT 20

RESULT 991
US-10-210-723-136/c
; Sequence 136, Application US/10210723
; Publication No. US20040023382A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
; FILE REFERENCE: PTS-0028
; CURRENT APPLICATION NUMBER: US/10/210,723
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-723-136

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGCT 2215
Db      20 CCTCAGCCTCCCAAGTAGCT 1

RESULT 992
US-10-264-958B-2/c
; Sequence 2, Application US/10264958B
; Publication No. US20040038224A1
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Hal
; APPLICANT: Kolodner, Richard
; TITLE OF INVENTION: Isolated Cryopyrins, Nucleic Acid Molecules Encoding These, and
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: LUD 5738.1 CIP (10209575)
; CURRENT APPLICATION NUMBER: US/10/264,958B
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: US60/327,728
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-264-958B-2

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
Db      20 ATCTGGCTCACTGCAACCT 1

RESULT 993
US-10-728-509-97/c
; Sequence 97, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
```

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; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-728-509-97

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATGACGCA 2369
Db 20 GGGATTACAGGCATGACGCA 1

RESULT 994
US-10-303-325-77
; Sequence 77, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-303-325-77

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 1 AAGTGCTGGGATTACAGGCA 20

RESULT 995
US-10-303-325-145/c
; Sequence 145, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-145
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```
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 20 AAGTGCTGGGATTACAGGCA 1

RESULT 996
US-10-671-395-112/c
; Sequence 112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-112

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2342 AAAGTGCTGGGATTACAGGC 2361
Db 20 AAAGTGCTGGGATTACAGGC 1

RESULT 997
US-10-671-395-157/c
; Sequence 157, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-157

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTACAGGCA 2362
Db 1 AAGTGCTGGGATTACAGGCA 20
```

```
Db      20 AAGTCTGGGATGACAGCA 1
RESULT 998
US-10-671-395-212/c
; Sequence 212, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-212
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2344 AGTCTGGGATTACAGCAT 2363
Db      20 AGTCTGGGATGACAGGCAT 1
RESULT 999
US-10-671-395-239/c
; Sequence 239, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-239
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2346 TGCTGGGATTACAGGCATGA 2365
Db      20 TGCTGGGATGACAGGCATGA 1
RESULT 1000
US-10-671-395-266/c
; Sequence 266, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 266
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-266
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTCTGGGATTAC 2357
Db      20 TCCCAAAGTCTGGGATGAC 1
RESULT 1002
US-10-671-395-395/c
; Sequence 395, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350/c
; Sequence 350, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2341 CAAAGTCTGGGATTACAGG 2360
Db      20 CAAAGTCTGGGATGACAGG 1
RESULT 1001
US-10-671-395-350/c
; Sequence 350, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350
Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 395
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-395

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCCA 2125
|||||
Db 20 GAGTCTTGCTCTGTGCCCCA 1

RESULT 1003
US-10-671-395-423/c
; Sequence 423, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 423
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-423

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
|||||
Db 20 CCCAAAGTCTGGGATGACA 1

RESULT 1004
US-10-671-395-449/c
; Sequence 449, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 449
; LENGTH: 20

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
|||||
Db 20 GTGCTGGATGACAGGCATG 1

RESULT 1005
US-10-671-395-582/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-582

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2337 CTCCTAAAGTCTGGGATTA 2356
|||||
Db 20 CTCCTAAAGTCTGGGATGA 1

RESULT 1006
US-10-671-395-597/c
; Sequence 597, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 597
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-597

Query Match 0.8%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1e+03; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCGCTCAGCTCC 2206
||||| |||||||
Db 20 ATTCTCGCTCAGCTCC 1

RESULT 1007
US-10-671-395-632/c
; Sequence 632, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 632
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-632

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTACAG 2359
||||| |||||||
Db 20 CCAAAGTCTGGGATTACAG 1

RESULT 1008
US-10-671-395-808/c
; Sequence 808, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 808
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-808

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACGAGTCTGCTGTT 2120
||||| |||||||
Db 20 AGACGAGTCTGCTGTT 1

RESULT 1009
US-10-671-395-1371/c
; Sequence 1371, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1371
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1371

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTAGTAGAGAC 2272
||||| |||||||
Db 20 TTGTACTTTTAGTAGAGAC 1

RESULT 1010
US-10-671-395-1496/c
; Sequence 1496, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1496
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1496

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TTTTCTACTTTTAGTAGAG 2270
||||| |||||||
Db 20 TTTTCTACTTTTAGTAGAG 1

RESULT 1011
US-10-671-395-1740/c
; Sequence 1740, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.


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; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1740
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1740

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTATTAGTAGAGA 2271
Db 20 TTTTGTATTATTAGTAGAGA 1

RESULT 1012
US-10-772-542-84/c
; Sequence 84, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Frieler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-84

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCT 2164
Db 20 ATCTGGCTCACTGCAAGCT 1

RESULT 1013
US-10-772-542-85/c
; Sequence 85, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Frieler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-85

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGTTGGGATTACAGGCAT 1

RESULT 1014
US-09-770-107-83/c
; Sequence 83, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millenium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; TITLE OF INVENTION: neuropsychiatric disorders, including schizophrenia
; FILE REFERENCE: 3322/0H401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-83

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCTCCCAA 2209
Db 21 CTACTGCCTCAGCTCCCAA 2

RESULT 1015
US-10-085-906-415
; Sequence 415, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 415
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-10-085-906-415

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2241 CCTGGCTAAATTTTGTACT 2260
|||||
Db 2 CCTGGCTAAATTTTGTATT 21

RESULT 1016

US-10-099-338/c
; Sequence 338, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:

; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 338
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-338

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
|||||
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 1017

US-10-786-720-13164
; Sequence 13164, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13164
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13164

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGAT 2297
::|||
Db 1 UUCACCAUGUAGCCAGAU 20

RESULT 1018

US-10-786-720-13239
; Sequence 13239, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13239
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13239

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGCATGTCT 2302
|::|
Db 1 CAUGUAGCCAGGAUGGU 20

RESULT 1019

US-10-786-720-13242
; Sequence 13242, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13242
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13242

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTAGCCAGCATGTT 2300
|||
Db 1 ACCAUGUAGCCAGGAUGGU 20

RESULT 1020

US-10-786-720-13248
; Sequence 13248, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13248
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13248

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 1e+03;
Matches 12; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTGCACCACTTCCTCCCT 2198
: : |||||: : : : :
Db 1 UUCACACCAUCCUCCUCCU 20

RESULT 1021

US-10-786-720-14253/c
; Sequence 14253, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14253
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-14253

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACCG 2372
||| ||||| ||||| ||||| |||||
Db 20 ATTACAGGCATGAGCCACCG 1

RESULT 1022

US-10-786-720-20171/c
; Sequence 20171, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20171
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20171

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACCG 2372
||| ||||| ||||| ||||| |||||
Db 20 ATTACAGGCATGAGCCACCG 1

RESULT 1023

US-10-786-720-20230
; Sequence 20230, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20230
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20230

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2121 ACCCAGGCTGGAGTGCAGTG 2140
||| ||||| ||||| ||||| |||||
Db 2 ACCTAGGCTGGAGTGCAGTG 21

RESULT 1024

US-10-786-720-20232/c
; Sequence 20232, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20232
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-20232

Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2121 ACCCAGGCTGGAGTGCAGTG 2140
||| ||||| ||||| ||||| |||||
Db 20 ACCTAGGCTGGAGTGCAGTG 1

RESULT 1025

US-10-786-720-20375/c
; Sequence 20375, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot

```
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20375
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-sense strand
US-10-786-720-20375

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTCGCTCAGCC 2203
Db 20 ACGATTCTCTCGCTCAGCC 1

RESULT 1026
US-10-786-720-20376
; Sequence 20376, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; PRIORITY FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20376
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-antisense strand
US-10-786-720-20376

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 1e+03;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2185 CCATTCTCTCGCTCAGCC 2204
Db 1 CGAUUCUCCUGCCUAGCCU 20

RESULT 1027
US-10-751-736-5089
; Sequence 5089, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; PRIORITY FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIORITY FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5089
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5089

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGCATGAGCCACC 2371
Db 1 GATTACAGCATGAGCCACC 20

RESULT 1028
US-10-751-736-42863/c
; Sequence 42863, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; PRIORITY FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42863
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-42863

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 ACCATTCTCTCGCTCAGCC 2203
Db 20 ACGATTCTCTCGCTCAGCC 1

RESULT 1029
US-10-751-736-43814/c
; Sequence 43814, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; PRIORITY FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIORITY FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43814
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-43814

Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2296 ATGCTCTCGATCTCTGACC 2315
 |||||
 Db 20 ATGCTCTCGAATCTCTGACC 1

RESULT 1030

US-09-784-423-80/c
 ; Sequence 80, Application US/09784423
 ; Patent No. US20020012924A1
 ; GENERAL INFORMATION:

; APPLICANT: Schumm, James W.

; Bacher, Jeffery W.

; TITLE OF INVENTION: MATERIALS AND METHODS FOR

IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM

REPEAT DNA MARKERS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:

ADDRESSEE: Promega Corporation

STREET: 2800 Woods Hollow Road

CITY: Madison

STATE: Wisconsin

COUNTRY: U.S.A.

ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb

COMPUTER: IBM compatible PC

OPERATING SYSTEM: Windows 95

SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,423

FILING DATE: 15-Feb-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/018,584

FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:

NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29, 018

REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 257-3501

TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 80

SEQUENCE CHARACTERISTICS:

LENGTH: 24

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 80

US-09-784-423-80

Query Match 0.8%; Score 18.4; DB 1; Length 24;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCTCC 2206

|||||

Db 22 ATTCTCTGCTCAGCTCC 3

RESULT 1031

US-10-812-238A-34/c

; Sequence 34, Application US/10812238A

; Publication No. US20050002904A1

; GENERAL INFORMATION:

; APPLICANT: Wary, K.

; Humtsoe, Joseph O.

; TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor

and Type I Collagen Inducible Protein (VCIP)

; FILE REFERENCE: D6563

; CURRENT APPLICATION NUMBER: US/10/812,238A

; CURRENT FILING DATE: 2004-03-29

; PRIOR APPLICATION NUMBER: US 60/458,164

; PRIOR FILING DATE: 2003-03-27

; NUMBER OF SEQ ID NOS: 36

; SEQ ID NO 34

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: primer bind

; OTHER INFORMATION: anti-sense primer for human Alu sequence

US-10-812-238A-34

Query Match 0.8%; Score 18.4; DB 1; Length 24;

Best Local Similarity 95.0%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGCATGAGCCA 2369

|||||

Db 24 GGGATTACAGCGGTGAGCCA 5

RESULT 1032

US-09-728-552-1

; Sequence 1, Application US/09728552

; Publication No. US20030096398A1

; GENERAL INFORMATION:

; APPLICANT: Choo, Kong-Hong Andy

; Du Sart, Desiree

; APPLICANT: Cancilla, Michael R.

; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE

; FILE REFERENCE: Davies Col

; CURRENT APPLICATION NUMBER: US/09/728,552

; CURRENT FILING DATE: 2000-12-02

; PRIOR APPLICATION NUMBER: 09/078,294

; PRIOR FILING DATE: 1998-05-13

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1

; LENGTH: 19

; TYPE: DNA

; ORGANISM: DNA primer

US-09-728-552-1

Query Match 0.8%; Score 18.2; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 1.1e+03;

Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCA 2369

|||||

Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 1033

US-10-463-981B-1

; Sequence 1, Application US/10463981B

; Publication No. US20040081982A1

; GENERAL INFORMATION:

; APPLICANT: Choo, Kong-Hong Andy

; Wong, Lee Hwa

; APPLICANT: Saffery, Richard Eric

; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes

; FILE REFERENCE: A35869-PCT-USA-A (071838, 0140)

; CURRENT APPLICATION NUMBER: US/10/463,981B

; CURRENT FILING DATE: 2003-06-17

; PRIOR APPLICATION NUMBER: PCT/AU01/01644

; PRIOR FILING DATE: 2001-12-20

; PRIOR APPLICATION NUMBER: AU PR2247

; PRIOR FILING DATE: 2000-12-21

; PRIOR APPLICATION NUMBER: AU PR8909

; PRIOR FILING DATE: 2001-11-16

; NUMBER OF SEQ ID NOS: 2

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1

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; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
Db      1 GGATTACAGGVRTGAGCCA 19

RESULT 1034
US-08-913-322-16/c
; Sequence 16, Application US/08913322
; Publication No. US20020137028A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mackenzie, Alexander E.
; APPLICANT: Roy, Natalie
; APPLICANT: Robertson, George
; APPLICANT: Tamai, Katsuo
; TITLE OF INVENTION: USER OF NEURONAL APOPTOSIS INHIBITOR
; TITLE OF INVENTION: (N/AIP)
; FILE REFERENCE: 07891/013001
; CURRENT APPLICATION NUMBER: US/08/913,322
; CURRENT FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: PCT/IB97/00142
; EARLIER FILING DATE: 1997-01-17
; EARLIER APPLICATION NUMBER: GB 9601108.5
; EARLIER FILING DATE: 1996-01-19
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer based on Homo sapiens
US-08-913-322-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
Db      23 CATGTGCCACACATCTGGCTAA 1

RESULT 1035
US-10-731-739-167
; Sequence 167, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13

; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Synthetic primer based on Homo sapiens
US-10-731-739-167

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGACAGAGGTTTCA 2281
Db      1 CTTTGTAGACAGAGGTTCTCA 23

RESULT 1036
US-10-477-238A-167
; Sequence 167, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babij, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-167

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGACAGAGGTTTCA 2281
Db      1 CTTTGTAGACAGAGGTTCTCA 23

RESULT 1037
US-10-680-287A-167
; Sequence 167, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Babij, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
```

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; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-680-287A-167

Query Match      0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2259 CTTTGTAGACAGCGTTTCA 2281
      ||||| ||||| ||||| ||||| |||||
Db 1 CTTTGTAGACAGCGTTTCA 23

RESULT 1038
US-09-784-423-96/c
; Sequence 96, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESS: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 96
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 96

US-09-784-423-96

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-680-287A-167

Query Match      0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139
      ||||| ||||| ||||| ||||| |||||
Db 23 TATCACCCAGGCTGGAGTGCAGT 1

RESULT 1039
US-10-323-463-12/c
; Sequence 12, Application US/10323463
; Publication No. US20030157693A1
; GENERAL INFORMATION:
; APPLICANT: JORDAN, ERIC
; TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
; FILE REFERENCE: UCAL-261
; CURRENT APPLICATION NUMBER: US/10/323,463
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/341,727
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-10-323-463-12

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2196 CCTCAGCTCCCAATTAGCTGG 2218
      ||||| ||||| ||||| ||||| |||||
Db 24 CCTCAGCTCCCGAGTAGCTGG 2

RESULT 1040
US-10-309-775A-33/c
; Sequence 33, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-10-309-775A-33

Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 495 ATGACTAAACGATTATATGATGA 517
      ||||| ||||| ||||| ||||| |||||
Db 23 ATGACTAAATGACTAAATGATGA 1

RESULT 1041
US-09-935-223-9
; Sequence 9, Application US/09935223
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Query Match      0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
```

```
; Publication No. US20020086983A1
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Ehad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, An
; FILE REFERENCE: TJU2499
; CURRENT APPLICATION NUMBER: US/09/935,223
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-09-935-223-9

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTCTG 2351
Db 1 GGCCTCCCAAGTGTCTG 18

RESULT 1042
US-09-044-602-2/c
; Sequence 2, Application US/09044602
; Publication No. US2002019325A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/09/044,602
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-2

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 1043
US-10-424-630-2/c
; Sequence 2, Application US/10424630
; Publication No. US20030176350A1
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/10/424,630
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: US/09/044,602
```

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; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-2

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 1044
US-10-098-871-37
; Sequence 37, Application US/10098871
; Publication No. US20030198958A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Herrmannes, Elma
; APPLICANT: Herrmann, John
; APPLICANT: Liu, Xiachong
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ference
; APPLICANT: Smithson, Glennda
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: CURA-65 CIP
; CURRENT APPLICATION NUMBER: US/10/098,871
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/153,629
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: 60/154,520
; PRIOR FILING DATE: 1999-09-16
; PRIOR APPLICATION NUMBER: 60/154,762
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: 60/159,231
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/276,960
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ag121 forward primer
US-10-098-871-37

Query Match      0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCAGTG 2140
Db 2 CCAGGCTGGAGTGCAGTG 19

RESULT 1045
US-10-636-065-98/c
; Sequence 98, Application US/10636065
; Publication No. US20040127694A1
```


; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-98

Query Match 0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2189 TCTCCTGCCTCAGCCTCC 2206
|||||
DB 19 TCTCCTGCCTCAGCCTCC 2

RESULT 1046
US-09-993-731-22
; Sequence 22, Application US/0993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RFS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-22

Query Match 0.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTCAGTGG 2141
|||||
DB 1 CAGCTGGAGTCAGTGG 18

RESULT 1047
US-10-671-395-1032/c
; Sequence 1032, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1032
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1032

Query Match 0.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTG 2347
|||||
DB 18 CCTCGGCTCCCAAGTG 1

RESULT 1048
US-10-786-720-20441
; Sequence 20441, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20441
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20441

Query Match 0.8%; Score 18; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2354 TTRACAGCATGACCCACC 2371
:|||||:|||||
DB 1 UUACAGGCAUGAGCCACC 18

RESULT 1049
US-10-751-736-5087
; Sequence 5087, Application US/10751736
; Publication No. US2004026230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5087
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi

US-10-751-736-5087

Query Match 0.8%; Score 18; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 1.1e+03;
Matches 12; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCTTCAGCCTC 2205
Db 1 UUCUCCGCUACGCCUC 18

RESULT 1050

US-09-974-546-87
; Sequence 87, Application US/09974546
; Publication No. US20030050470A1

; GENERAL INFORMATION:

; APPLICANT: An, Gang

; O'Hara, S. Mark

; Ralph, David

; Veltri, Robert

; TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
; PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE

; NUMBER OF SEQUENCES: 87

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/974,546

; FILING DATE: 10-Oct-2001

; CLASSIFICATION: Unknown

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/097,199

; FILING DATE: 1998-06-12

; ATTORNEY/AGENT INFORMATION:

; NAME: Nakashima, Richard A.

; REGISTRATION NUMBER: P-42,023

; REFERENCE/DOCKET NUMBER: UROC:018

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (512) 418-3000

; TELEFAX: (512) 474-7577

; INFORMATION FOR SEQ ID NO: 87:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 87:

US-09-974-546-87

Query Match 0.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGGA 2353
Db 5 CCTCCCAAGTGTGGGA 22

RESULT 1051

US-09-996-292A-50/c

; Sequence 50, Application US/09996292A

; Publication No. US20030158403A1

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
US-09-996-292A-50

Query Match 0.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAG 1597
Db 18 AGAGAGTGTGGAATCTAG 1

RESULT 1052

US-10-013-295-50/c

; Sequence 50, Application US/10013295

; Publication No. US20030175906A1

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides

; FILE REFERENCE: ISIS4948

; CURRENT APPLICATION NUMBER: US/10/013,295

; CURRENT FILING DATE: 2001-12-10

; PRIOR APPLICATION NUMBER: 60/302,682

; PRIOR FILING DATE: 2001-07-03

; NUMBER OF SEQ ID NOS: 55

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 50

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: No. US20030175906A1el Sequence

US-10-013-295-50

Query Match 0.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1580 AGAGAGTGTGGAATCTAG 1597
Db 18 AGAGAGTGTGGAATCTAG 1

RESULT 1053

US-09-918-686-87/c

; Sequence 87, Application US/09918686

; Patent No. US20020076720A1

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary

; APPLICANT: Prolli, Sean

; APPLICANT: Paepker, Bryan

; APPLICANT: Staehling-Hampton, Karen

; TITLE OF INVENTION: METHODS FOR IDENTIFYING

; FILE REFERENCE: GENOMIC DELETIONS

; FILE REFERENCE: 240083.515

; CURRENT APPLICATION NUMBER: US/09/918,686

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 105

; SOFTWARE: FastSEQ for Windows Version 4.0

```
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-886-87

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTGTGATCGCCACCT 2332
      ||||| ||||| ||||| |||||
Db 21 GACCTGTGATCGCCCGCCT 1

RESULT 1054
US-10-085-906-401/c
; Sequence 401, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-401

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGCTCGAGT 2134
      ||||| ||||| ||||| |||||
Db 21 CTCTGTGCCAGGCTGAAGT 1

RESULT 1055
US-10-085-906-474/c
; Sequence 474, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 474
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-474

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2334 GGCTCTCCCAAGTCTGGGAT 2354
      ||||| ||||| ||||| |||||
Db 21 GGCTCTCCCAAGTACTGAGAT 1

RESULT 1057
US-10-255-434-6
; Sequence 6, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-6

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
||||| ||||| ||||| ||||| |||||
Db 1 GCCAGGCTGGTCTCGAACTCC 21

RESULT 1058
US-10-255-434-18/c
; Sequence 18, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Nielsen, Kirsten V.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-18

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTCC 2310
||||| ||||| ||||| ||||| |||||
Db 1 GCCAGGCTGGTCTCGAACTCC 1

RESULT 1059
US-10-255-434-25
; Sequence 25, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Nielsen, Kirsten V.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-25

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCA 2137
||||| ||||| ||||| ||||| |||||
Db 1 TGTCCGCCAGGCTGGAGTGCA 21

RESULT 1060
US-10-353-150-87/c
; Sequence 87, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-87

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTCGTGATCGCCCACT 2332
||||| ||||| ||||| ||||| |||||
Db 21 GACCTTGTGATCGCCCGCCT 1

RESULT 1061
US-10-298-215-10/c
; Sequence 10, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-10

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 50 GGAAAGATGGAGCAAGAGCC 70
||||| ||||| ||||| ||||| |||||
Db 21 GGACAGATGGACCAAGAGCC 1

```
RESULT 1062
US-10-786-720-13238/c
; Sequence 13238, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13238
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13238

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2281 ACCGTGTTAGCCAGGATGGTC 2301
Db      21 AACATGTTAGCCAGGATGGTC 1

RESULT 1063
US-10-786-720-20455
; Sequence 20455, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20455
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20455

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2144 GATCTTGGCTCACTGCAAGCT 2164
Db      1 GATCTGGCTCACTGCAACCT 21

RESULT 1064
US-10-786-720-20464
; Sequence 20464, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2352 GATTACAGGCATGAGCCACCG 2372
Db      1 GATTACAGGGGTGAGCCACTG 21

RESULT 1065
US-10-751-736-4615
; Sequence 4615, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4615
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4615

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2341 CAAAGTGTCTGGATTACAGGC 2361
Db      1 CAAAGTGTCTAGGATTACAGCC 21

RESULT 1066
US-10-751-736-42847/c
; Sequence 42847, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42847
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
```

US-10-751-736-42847

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTTGACCTC 2317
||||| ||||| ||||| ||||| |||||
Db 21 TGGTCTCAACTCTTGACCTC 1

RESULT 1067
US-10-751-736-42916/c
; Sequence 42916, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42916
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-42916

Query Match 0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATGTGCCACACACCTGGCTA 2248
||| ||||| ||||| ||||| |||||
Db 21 ATGTGCCACACGCTGGCTA 1

RESULT 1068
US-10-436-523-23/c
; Sequence 23, Application US/10436523
; Publication No. US2003018088A1
; GENERAL INFORMATION:
; APPLICANT: Fraser, Christopher C.
; TITLE OF INVENTION: CD2000 AND CD2001 MOLECULES, AND USES THEREOF
; FILE REFERENCE: 7853-244-999
; CURRENT APPLICATION NUMBER: US/10/436,523
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US/10/007,303
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/706,167
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Abies alba
US-10-436-523-23

Query Match 0.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2185 CGATTCTCTCTCGCTCAGCTC 2205
||||| ||||| ||||| ||||| |||||
Db 22 CGATTCTCTCTCGCTCAGCTC 2

RESULT 1069
US-09-988-626-100/c
; Sequence 100, Application US/09988626
; Publication No. US20030044959A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,626
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-626-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
||||| ||||| ||||| ||||| |||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1070
US-09-988-687-100/c
; Sequence 100, Application US/09988687
; Publication No. US20030045704A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,687
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-687-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
|||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1071
US-09-988-686-100/c
; Sequence 100, Application US/09988686
; Publication No. US20030120052A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; TITLE OF INVENTION: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,686
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-686-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
|||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 1072
US-10-251-598-86/c
; Sequence 86, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Geršhon, Elliot S.
; APPLICANT: Badher, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Sanders, Alan R.
; APPLICANT: Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/251,598

; FILING DATE: 19-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952
; FILING DATE: 19-Apr-1999
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-Oct-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-Oct-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1...19
; OTHER INFORMATION: D18S378 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-10-251-598-86

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTCACCCAGGCT 2129
|||||
Db 19 TTGCTCTGTTCACCCAGGCT 1

RESULT 1073
US-10-204-254A-57/c
; Sequence 57, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Miikka
; TITLE OF INVENTION: VMGLOM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-57

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2299 GTCTCGATCTCTGACCTC 2317

```
Db      19 GTCTGGAACCTCTGACCTC 1
||||| ||||| ||||| |||||
RESULT 1074
US-10-455-552-62
; Sequence 62, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-62

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2340 CCAAGTCTGGGATTACA 2358
||||| ||||| ||||| |||||
Db      1 CCNAGTCTGGGATTAAA 19

RESULT 1075
US-10-455-552-66/c
; Sequence 66, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-66

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      19 GTCTGGAACCTCTGACCTC 1
||||| ||||| ||||| |||||
RESULT 1076
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; OTHER INFORMATION:
US-10-676-154-3

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGGCTCACTGCAAG 2162
||||| ||||| ||||| |||||
Db      19 GATCTGGGCTCACTGCAAG 1

RESULT 1077
US-09-898-361-95
; Sequence 95, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2196 CCTCAGCCTCCCAATTAGC 2214
||||| ||||| ||||| |||||
Db      2 CCTCAGCCTCCCAAGTAGC 20

RESULT 1078
US-09-888-361-95
; Sequence 95, Application US/09888361
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QY      2343 AAGTGTGGGATTACAGGC 2361
||||| ||||| ||||| |||||
Db      19 AAGTGTGGGATTACAGGC 1
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RESULT 1076
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; OTHER INFORMATION:
US-10-676-154-3
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Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGGCTCACTGCAAG 2162
||||| ||||| ||||| |||||
Db      19 GATCTGGGCTCACTGCAAG 1
```

```
RESULT 1077
US-09-898-361-95
; Sequence 95, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95
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```
Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2196 CCTCAGCCTCCCAATTAGC 2214
||||| ||||| ||||| |||||
Db      2 CCTCAGCCTCCCAAGTAGC 20

RESULT 1078
US-09-888-361-95
; Sequence 95, Application US/09888361
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; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-95

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
      |||||
Db 2 CCTCAGCCTCCCAAGTAGC 20

RESULT 1079
US-09-996-292A-51/c
; Sequence 51, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(1)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-51

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GAAGAGAGTGTGGAATCTA 1596
      |||||
Db 20 GACCAGAGTGTGGAATCTA 2

RESULT 1080
US-09-996-292A-52/c
; Sequence 52, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
```

```
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (20)-(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-52

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTAG 1597
      |||||
Db 19 ACGAGAGTGTGGAATCTAG 1

RESULT 1081
US-10-222-334-12/c
; Sequence 12, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Gallia
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-12

Query Match          0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2107 AGCTTGCTCTGTTACCCA 2125
      |||||
Db 19 AGCTTGCTCTGTCACCCA 1

RESULT 1082
US-10-143-266-28/c
; Sequence 28, Application US/10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
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; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-28

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTGTTACCC 2124
|||
Db 19 GAGTCTGCTGTCACCC 1

RESULT 1083
US-10-010-002-86
; Sequence 86, Application US/10010002
; Publication No. US20030125277A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/010,002
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-86

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAGTCTGGGATTA 2356
|||
Db 1 TCTCAAGTCTGGGATTA 19

RESULT 1084
US-10-013-295-51/c
; Sequence 51, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1el Sequence
; NAME/KEY: misc_feature

; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-51

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 GAAGAGAGTGTGGAATCTA 1596
|||
Db 20 GACGAGAGTGTGGAATCTA 2

RESULT 1085
US-10-013-295-52/c
; Sequence 52, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-52

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTAG 1597
|||
Db 19 ACGAGAGTGTGGAATCTAG 1

RESULT 1086
US-10-331-907-286
; Sequence 286, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk


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Db      20 CTCAGCCTCCCAAGTAGCT 2
RESULT 1090
US-10-744-831-86
; Sequence 86, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-86

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAGTCTGGGATTA 2356
      |||||
Db      1 TCTCAAGTCTGGGATTA 19

RESULT 1091
US-10-671-395-232/c
; Sequence 232, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-232

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2347 GCTGGGATTCAGGCATGA 2365
      |||||
Db      20 GCTGGGATTCAGGCATGA 2

RESULT 1092
US-10-671-395-383/c
; Sequence 383, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

```

```

; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 383
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-383

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2106 GAGTCTTGCTCTGTACCC 2124
      |||||
Db      19 GAGTCTTGCTCTGTGCCC 1

RESULT 1093
US-10-671-395-422/c
; Sequence 422, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 422
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-422

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2107 AGTCTTGCTCTGTACCCA 2125
      |||||
Db      20 AGTCTTGCTCTGTGCCCA 2

RESULT 1094
US-10-671-395-515/c
; Sequence 515, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549

```

; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 515
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-515

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCCTCC 2206
DB 20 TTCTCCGCCCTCAGCCTCC 2

RESULT 1095
US-10-671-395-667/c
; Sequence 667, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 667
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-667

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACCGAGTCTTGCTCTGT 2119
DB 19 AGACAGAGTCTTGCTCTGT 1

RESULT 1096
US-10-671-395-678/c
; Sequence 678, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 678
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial

; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-678

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCGCTCAGCCTC 2205
DB 19 ATTCTCCGCCCTCAGCCTC 1

RESULT 1097
US-10-671-395-1112/c
; Sequence 1112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1112

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2102 GACCGAGTCTTGCTCTGTT 2120
DB 20 GACAGAGTCTTGCTCTGTT 2

RESULT 1098
US-10-671-395-1432/c
; Sequence 1432, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1432
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1432

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2254 TTGTACTTTTAGTAGAGAC 2272
DB 20 TTGTATTTTAGTAGAGAC 2

RESULT 1099
US-10-671-395-1544/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1544

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGA 2269
DB 19 TTTTGTATTTTAGTAGA 1

RESULT 1100
US-10-731-739-582/c
; Sequence 582, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319.
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-582

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCC 2124
DB 19 GAGTCTTGCTCTGTACCC 1

RESULT 1102
US-10-680-287A-582/c
; Sequence 582, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Yaworsky, Paul
; APPLICANT: Babi, Philip
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-582

```

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DB 19 GAGTCTTGCTCTGTACCC 1

RESULT 1101
US-10-477-238A-582/c
; Sequence 582, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babi, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-582

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTACCC 2124
DB 19 GAGTCTTGCTCTGTACCC 1

RESULT 1102
US-10-680-287A-582/c
; Sequence 582, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Yaworsky, Paul
; APPLICANT: Babi, Philip
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-582

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Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTGTTACCC 2124
|||||
Db 19 GAGTCTTGCTGTCACCC 1

RESULT 1103

US-10-476-991-18
; Sequence 18, Application US/10476991
; Publication No. US20040248297A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
; FILE REFERENCE: (CA2+INDEPENDENT) EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/476,991
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: 09/851,896
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-991-18

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTCTGGG 2352
|||||
Db 2 GGTCTCCCAAGTCTGGG 20

RESULT 1104

US-10-890-685-28/c
; Sequence 28, Application US/10890685
; Publication No. US20050003426A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/890,685
; CURRENT FILING DATE: 2004-07-14
; PRIOR APPLICATION NUMBER: US/10/143,266
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-890-685-28

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTGTTACCC 2124
|||||
Db 19 GAGTCTTGCTGTCACCC 1

RESULT 1105

US-10-374-077-28/c
; Sequence 28, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosenman, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-374-077-28

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTG 2312
|||||
Db 21 GGATGGTCTCGAACTCTG 3

RESULT 1106

US-10-786-720-13163/c
; Sequence 13163, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES

; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13163
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13163

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGA 2296
DB 19 TTCACCATGTTAGCCAGGA 1

RESULT 1107
US-10-786-720-13241/c
; Sequence 13241, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13241
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13241

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGTGTTAGCCAGGATGG 2299
DB 19 ACCATGTTAGCCAGGATGG 1

RESULT 1108
US-10-786-720-13247/c
; Sequence 13247, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13247
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13247

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2179 TTCGACCAATTCCTGCCC 2197
DB 19 TTCACACCAATTCCTGCCC 1

RESULT 1109
US-10-786-720-14252
; Sequence 14252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14252
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-14252

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGCGCATGAGCCACCG 2372
DB 1 UTACAGCGGUGAGCCACCG 19

RESULT 1110
US-10-786-720-20170/c
; Sequence 20170, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20170

Query Match 0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGCGCATGAGCCACCG 2372
DB 21 TTACAGCGCATGAGCCACTG 3

RESULT 1111
US-10-786-720-20172
; Sequence 20172, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth


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; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20172
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20172

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGGCGTGGCCACCG 2372
      :|||||:|||||
Db 1 UUACAGGCGGAGCCACUG 19

RESULT 1112
US-10-786-720-20231
; Sequence 20231, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20231
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20231

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1.1e+03;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGTG 2140
      |||||:|||||
Db 1 CCUAGGCGGAGGACUG 19

RESULT 1113
US-10-751-736-42413/c
; Sequence 42413, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42413
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; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42413

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2232 GCCACCACACCTGGCTAAT 2250
      |||||:|||||
Db 19 GCCACCACCGCTGGCTAAT 1

RESULT 1114
US-10-751-736-42416/c
; Sequence 42416, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42416
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42416

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2231 TGCCACCACACCTGGCTAA 2249
      |||||:|||||
Db 19 TGCCACCACCGCTGGCTAA 1

RESULT 1115
US-10-467-019-13
; Sequence 13, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1e1 Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, hBv8-WR primer
US-10-467-019-13

Query Match      0.7%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 TCTTCACATTGGTTTCTA 774
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Db      2  TATTCACATTTGGTTTCTA 20
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RESULT 1116
US-09-764-891-5536/c
; Sequence 5536, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5536
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5536
Query Match      0.7%; Score 17.4; DB 1; Length 87;
Best Local Similarity 62.8%; Pred. No. 7.3e+02;
Matches 27; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY      2315  CTCGTGATCCGCCACCTCGCCCTCCCAAGTCTGGGATTAC 2357
|||||
Db      81  CTTGTAATTCAGCACTTTGGGAGGCCAAAGTGGCGGATCAC 39
|||||

RESULT 1117
US-09-764-891-5537/c
; Sequence 5537, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5537
; LENGTH: 87
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-5537
Query Match      0.7%; Score 17.4; DB 1; Length 87;
Best Local Similarity 62.8%; Pred. No. 7.3e+02;
Matches 27; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY      2315  CTCGTGATCCGCCACCTCGCCCTCCCAAGTCTGGGATTAC 2357
|||||
Db      81  CTTGTAATTCAGCACTTTGGGAGGCCAAAGTGGCGGATCAC 39
|||||

RESULT 1118
US-10-075-425-28/c
; Sequence 28, Application US/10075425
; Publication No. US20020150939A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Yang, Huiying
; APPLICANT: Rotter, Jerome I.
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/10/075,425
; CURRENT FILING DATE: 2002-02-12

; PRIOR APPLICATION NUMBER: US/09/395,345
; PRIOR FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-425-28
Query Match      0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2115  TCTGTTACCCAGGCTGGAGTGC 2136
|||||
Db      22  TCTGTGGCTAGGCTGGAGTGC 1
|||||

RESULT 1119
US-10-210-130-308
; Sequence 308, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Glennda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khrantsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Baha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
```

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; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 308
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-308

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GCTGACTATTGGAAATCACTT 1230
Db 1 GCTGAGTGTGGAAATGAATTT 22

RESULT 1120
US-10-655-579-35/c
; Sequence 35, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Tms1-44, reverse primer
US-10-655-579-35

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2148 TTGGCTCACTGCAAGCTCTGCC 2169
Db 22 TTGGCTCACTGTAGCCTCTGCC 1
```

```
RESULT 1121
US-10-795-667-120/c
; Sequence 120, Application US/10795667
; Publication No. US20040209298A1
; GENERAL INFORMATION:
; APPLICANT: KAMBEROV, EMMANUEL
; APPLICANT: SUN, TONG
; APPLICANT: BRUENING, ERIC EGON
; APPLICANT: PINTER, JONATHON H.
; APPLICANT: SLEPTSOVA, IRINA
; APPLICANT: KURIHARA, TAKAO
; APPLICANT: MAKAROV, VLADIMIR L.
; TITLE OF INVENTION: AMPLIFICATION AND ANALYSIS OF WHOLE GENOME AND WHOLE
; TITLE OF INVENTION: TRANSCRIPTOME LIBRARIES GENERATED BY A DNA
; FILE REFERENCE: RUBC:022US
; CURRENT APPLICATION NUMBER: US/10/795,667
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: 60/453,060
; PRIOR FILING DATE: 2003-03-07
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-795-667-120

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2313 ACCTGCTGATCCGCCACCTCG 2334
Db 22 ACCTCATGATCCACCGCCTCG 1

RESULT 1122
US-10-797-333A-48/c
; Sequence 48, Application US/10797333A
; Publication No. US20040209299A1
; GENERAL INFORMATION:
; APPLICANT: PINTER, JONATHON H.
; APPLICANT: KURIHARA, TAKAO
; APPLICANT: SLEPTSOVA, IRINA
; APPLICANT: BRUENING, ERIC EGON
; APPLICANT: ZIEHLER, WILLIAM
; APPLICANT: MAKAROV, VLADIMIR L.
; TITLE OF INVENTION: IN VITRO DNA IMMORTALIZATION AND WHOLE GENOME
; TITLE OF INVENTION: AMPLIFICATION USING LIBRARIES GENERATED FROM RANDOMLY
; FILE REFERENCE: RUBC:021US
; CURRENT APPLICATION NUMBER: US/10/797,333A
; CURRENT FILING DATE: 2004-03-08
; PRIOR APPLICATION NUMBER: 60/453,071
; PRIOR FILING DATE: 2004-03-08
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-797-333A-48

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1716
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1716

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTG 2350
      |||||:|||||:|:|
Db 1 GGCCTCCCAAGTGCTG 17

RESULT 1133
US-10-156-306-1717
; Sequence 1717, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1717

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTG 2350
      |||||:|||||:|:|
Db 1 GGCCTCCCAAGTGCTG 17

RESULT 1133
US-10-156-306-1717
; Sequence 1717, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1717

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTAC 2357
      |||||:|||||:|:|
Db 1 CAAAGTCTGGGATTAC 17

RESULT 1134
US-10-156-306-2399
; Sequence 2399, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2399
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.2e+03;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCC 2203
      ||:|:|:|:|:|:|:|
Db 1 AUUCUCCUGCCUCAGCC 17

RESULT 1135
US-10-156-306-2416
; Sequence 2416, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2416

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+03;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2337 CTCCCAAGTGCTGGCA 2353
      ||:|:|:|:|:|:|:|
Db 1 CUCCCAAGUGCUGGGA 17

RESULT 1136
US-10-156-306-2417
; Sequence 2417, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2417
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2417

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATT 2355
      |||||:|:|:|:|:|:|
Db 1 CCCAAAGUGCUGGAUU 17

RESULT 1137
US-10-156-306-3796
; Sequence 3796, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3796
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3796

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2342 AAAGTGTGGGATTACAG 2358
||||:||||:||||
Db 1 AAAGUGCGGAUUAACA 17

RESULT 1138
US-10-156-306-3797
; Sequence 3797, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3797
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3797

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAG 2359
||||:||||:||||
Db 1 AAGUGCGGAUUAACAG 17

RESULT 1139
US-10-156-306-3798
; Sequence 3798, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3798
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3798
```

```
Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.2e+03;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGTGGGATTACAGG 2360
||||:||||:||||
Db 1 AGUGCGGAUUAACAGG 17

RESULT 1140
US-10-255-434-10/c
; Sequence 10, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-10

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCCTCAGCCTCCC 2207
||||:||||:||||
Db 17 TCCTGCCTCAGCCTCCC 1

RESULT 1141
US-10-255-434-22
; Sequence 22, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-22
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Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCTGCTCAGCCTCC 2207
DB 1 TCTGCTCAGCCTCC 17

RESULT 1142
US-10-339-782-391
; Sequence 391, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 391
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-391

Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2320 GATCGGCCACTCGGC 2336
DB 1 GATCGGCCACTCGGC 17

RESULT 1143
US-10-400-382-164/c
; Sequence 164, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: LaCasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
; OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,
; OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: n = T or U
US-10-400-382-164

Query Match          0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2189 TCTCCTGCCTCAGCCTCC 2206
DB 19 TCTCCTGCCTCAGCCTCC 2

RESULT 1144
US-10-282-174-135
; Sequence 135, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertram, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-135

Query Match          0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2287 TTAGCCAGGATGCTC 2303
DB 1 TTAGCCAGGATGCTC 17

RESULT 1145
US-09-863-806-155/c
; Sequence 155, Application US/09863806
; Publication No. US20020197608A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
```


COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
NAME: Haile, Lisa A.
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 155:
US-09-863-806-155

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCAGTGG 2141
|||||
DB 20 AGCGTGGAGTGCAGTGG 4

RESULT 1146
US-09-949-427-209
; Sequence 209, Application US/09949427
; Publication No. US20030054418A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 209
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-209

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTA 2356
|||||
DB 4 CCAAGTGTGGGATTA 20

RESULT 1147
US-09-949-428-209
; Sequence 209, Application US/09949428
; Publication No. US20030064372A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
; FILE REFERENCE: 02810.0014.NPUS01
; CURRENT APPLICATION NUMBER: US/09/949,428
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 209
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-428-209

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTA 2356
|||||
DB 4 CCAAGTGTGGGATTA 20

RESULT 1148
US-10-181-177-94/c
; Sequence 94, Application US/10181177
; Publication No. US20030083296A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTSP-0334
; CURRENT APPLICATION NUMBER: US/10/181,177
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: PCT/US01/00955
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-94

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGCGTGGAGTGCAGTGG 2141

Db	20	AGGCTGGAGTGCAGTGG	4
RESULT 1149	US-10-351-951-75	Sequence 75, Application US/10351951	
		Publication No. US20030203380A1	
		GENERAL INFORMATION:	
		APPLICANT: Stefansson, Stefan E.	
		TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS	
		CURRENT APPLICATION NUMBER: US/10/351,951	
		PRIOR FILING DATE: 2003-01-24	
		PRIOR APPLICATION NUMBER: 10/057,312	
		PRIOR FILING DATE: 2002-01-25	
		PRIOR APPLICATION NUMBER: 60/431,538	
		PRIOR FILING DATE: 2002-12-05	
		NUMBER OF SEQ ID NOS: 132	
		SOFTWARE: FastSeq for Windows Version 4.0	
		SEQ ID NO 75	
		LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: primer that hybridizes to the human MATN3 gene	
	US-10-351-951-75		
Query Match	0.7%;	Score 17; DB 1; Length 20;	
Best Local Similarity	100.0%;	Pred. No. 1.2e+03;	
Matches	17; Conservative	0; Mismatches	0; Indels
			0; Gaps
			0;
Qy	2151	GCTCACTGCAAGTCTG 2167	
Db	3	GCTCACTGCAAGTCTG 19	
RESULT 1150	US-10-159-834-73/c	Sequence 73, Application US/10159834	
		Publication No. US20030228688A1	
		GENERAL INFORMATION:	
		APPLICANT: Kenneth W. Dobie	
		TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENILCYSTEINE CARBOXYL METHYLTRANSFER	
		TITLE OF INVENTION: EXPRESSION	
		FILE REFERENCE: RTS-0299	
		CURRENT APPLICATION NUMBER: US/10/159,834	
		CURRENT FILING DATE: 2002-05-31	
		NUMBER OF SEQ ID NOS: 130	
		SEQ ID NO 73	
		LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Antisense Oligonucleotide	
	US-10-159-834-73		
Query Match	0.7%;	Score 17; DB 1; Length 20;	
Best Local Similarity	100.0%;	Pred. No. 1.2e+03;	
Matches	17; Conservative	0; Mismatches	0; Indels
			0; Gaps
			0;
Qy	2338	TCCCAAAGTGTGGGAT 2354	
Db	17	TCCCAAAGTGTGGGAT 1	
RESULT 1151	US-10-159-834-126	Sequence 126, Application US/10159834	
		Publication No. US20030228688A1	
		GENERAL INFORMATION:	
		APPLICANT: Kenneth W. Dobie	
		TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENILCYSTEINE CARBOXYL METHYLTRANSFER	
		TITLE OF INVENTION: EXPRESSION	
		FILE REFERENCE: RTS-0299	
		CURRENT APPLICATION NUMBER: US/10/159,834	
		CURRENT FILING DATE: 2002-05-31	
		NUMBER OF SEQ ID NOS: 130	
		SEQ ID NO 73	
		LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Antisense Oligonucleotide	
	US-10-159-834-73		
Query Match	0.7%;	Score 17; DB 1; Length 20;	
Best Local Similarity	100.0%;	Pred. No. 1.2e+03;	
Matches	17; Conservative	0; Mismatches	0; Indels
			0; Gaps
			0;
Qy	2338	TCCCAAAGTGTGGGAT 2354	
Db	17	TCCCAAAGTGTGGGAT 1	
RESULT 1152	US-10-786-720-20620	Sequence 20620, Application US/10786720	
		Publication No. US20040191818A1	
		GENERAL INFORMATION:	
		APPLICANT: Wyeth	
		APPLICANT: O'Toole, Margot	
		APPLICANT: Liu, Wei	
		TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE	
		FILE REFERENCE: 031896-023000 (AM101331L)	
		CURRENT APPLICATION NUMBER: US/10/786,720	
		CURRENT FILING DATE: 2004-02-26	
		NUMBER OF SEQ ID NOS: 21135	
		SOFTWARE: PatentIn version 3.2	
		SEQ ID NO 20620	
		LENGTH: 21	
		TYPE: DNA	
		ORGANISM: Homo sapiens	
		OTHER INFORMATION: Human PGE2 antisense	
	US-10-786-720-20620		
Query Match	0.7%;	Score 17; DB 1; Length 20;	
Best Local Similarity	100.0%;	Pred. No. 1.2e+03;	
Matches	17; Conservative	0; Mismatches	0; Indels
			0; Gaps
			0;
Qy	2330	CCTCGGCTTCCCAAAGT 2346	
Db	17	CCTCGGCTTCCCAAAGT 1	
RESULT 1153	US-10-786-720-20620	Sequence 20620, Application US/10786720	
		Publication No. US20040191818A1	
		GENERAL INFORMATION:	
		APPLICANT: Wyeth	
		APPLICANT: O'Toole, Margot	
		APPLICANT: Liu, Wei	
		TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE	
		FILE REFERENCE: 031896-023000 (AM101331L)	

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US-10-786-720-20620
Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2355 TACAGGCATGAGCCACC 2371
|||||
Db 1 TACAGGCATGAGCCACC 17

RESULT 1154
US-10-786-720-20626
; Sequence 20626, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20626
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20626

Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 2 AGGCTGGAGTGCAGTGG 18

RESULT 1155
US-10-786-720-20628/c
; Sequence 20628, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20628
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-20628

Query Match          0.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
|||||
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 1156
US-09-752-983-26/c
; Sequence 26, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-752-983-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
|||||
Db 20 TTTACATGTATAAGAAGCT 1

RESULT 1157
US-09-923-517-25
; Sequence 25, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
```


;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-09-863-806-135

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCCAGGCT 2129
DB 20 CTTGCTTTGTACCCAGGCT 1

RESULT 1164
US-09-920-671-81
; Sequence 81, Application US/09920671
; Publication No. US20030083283A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION
; FILE REFERENCE: RTS-0297
; CURRENT APPLICATION NUMBER: US/09/920,671
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-671-81

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2336 CTTCCCAAAGTGTGGGATT 2355
DB 1 CTTCCCAAAGTGCCAGGATT 20

RESULT 1165
US-09-541-848-25/c
; Sequence 25, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS2M2
US-09-541-848-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACACAGGTGTCA 694
DB 20 GTGAGTAAGACACAGGTGTCA 1

RESULT 1166
US-09-908-147-94/c
; Sequence 94, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-94

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2150 GGCTCACTGCAAGCTCTGCC 2169
DB 20 GGTTCACGCAACCTCTGCC 1

RESULT 1167
US-10-181-177-95/c
; Sequence 95, Application US/10181177
; Publication No. US20030083296A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTSP-0334
; CURRENT APPLICATION NUMBER: US/10/181,177
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: PCT/US01/00955
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-95

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCAAGC 2163
DB 20 GATCTCGCTCACCGCAAGC 1

RESULT 1168

```
US-10-293-783-24/c
; Sequence 24, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-24
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2193 CTGCTCAGCCTCCCAATTA 2212
Db 20 CTGCTCAGCCTCCCGAGTA 1
RESULT 1169
US-10-430-196-25
; Sequence 25, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda P. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-May-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-Aug-2001
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-430-196-25
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2326 CCACACTCGCCTCCCAAAG 2345
Db 1 CCTGCCTCGCCTCCCAAAG 20
RESULT 1170
US-10-005-344-26/c
; Sequence 26, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-26
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTATAAGAAGCT 1
RESULT 1171
US-10-005-344-328/c
; Sequence 328, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
```

; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 328
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-328

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 602 GAAATATATACCATGATCT 621
|||||
Db 20 GAAATATATGCAATGATCT 1

RESULT 1172
US-10-005-344-330/c
; Sequence 330, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 330
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-330

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGTGGGAGT 710
|||||
Db 20 GTCAGCCTGAAGTGGGAGT 1

RESULT 1173
US-10-005-344-333/c
; Sequence 333, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan

; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-333

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 771 TCTAGACCATCTACCTCATC 790
|||||
Db 20 TCTAGACTGTCTACCTCATC 1

RESULT 1174
US-10-005-344-343/c
; Sequence 343, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 343
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-343

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 TGAAGTTGAATCTCTGACT 1077
|||||
Db 20 TGAAGTTGAGTCTCTGACT 1

RESULT 1175
US-10-005-344-352/c
; Sequence 352, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero

; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-352

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAGCT 1714
DB 20 TTCACGTGTGCAAGAAGCT 1

RESULT 1176
US-10-005-344-354/c
; Sequence 354, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-354

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1728 AAGCCCTGCCAGTATGTAG 1747
DB 20 AAGCCCTGCCAGTGTGAG 1

RESULT 1177
US-10-148-355A-70/c

; Sequence 70, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-70

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2272 CAGGGTTTCACCGTGTAGC 2291
DB 20 CGGGGTTTCACCGTGTGCG 1

RESULT 1178
US-10-148-355A-72/c
; Sequence 72, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-72

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 CGGCCACCTCGGCTCCCA 2342
DB 20 CCACCCCACTCGGCTCCCA 1

RESULT 1179
US-10-181-875-73/c
; Sequence 73, Application US/10181875
; Publication No. US2003021633A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler

```
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RTSP-0356
; CURRENT APPLICATION NUMBER: US/10/181.875
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/488,856
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-73

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2346 TCCTGGATTACAGGCATGA 2365
      |||||
Db 20 TCCTGGATTACAGGGGTGA 1

RESULT 1180
US-10-401-194-5
; Sequence 5, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041P1RNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-5

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCTCAAGTCTGGGATTA 2356
      |||||
Db 1 CTCCTCAAGTCTGGGATTA 20

RESULT 1181
US-10-388-263-672/c
; Sequence 672, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
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; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 672
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-672

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCCTCAGCCTCCCAATTA 2212
      |||||
Db 20 CTGCCTCAGCCTCCCGAGTA 1

RESULT 1182
US-10-187-659A-13/c
; Sequence 13, Application US/10187659A
; Publication No. US20040002152A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION
; FILE REFERENCE: RTS-0379
; CURRENT APPLICATION NUMBER: US/10/187,659A
; CURRENT FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-187-659A-13

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTA 2358
      |||||
Db 20 CGCAAAAGTCTGGGATGACA 1

RESULT 1183
US-10-199-676-38
; Sequence 38, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-38

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
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```
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGGCTGGAG 2133
Db 1 CTCTGTCCGCCAGGCTGGAG 20

RESULT 1184
US-10-199-676-74/c
; Sequence 74, Application US/10199676
; Publication No. US20040014051A1
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
; FILE REFERENCE: PTS-0017
; CURRENT APPLICATION NUMBER: US/10/199,676
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-676-74.

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGGCTGGAG 2133
Db 20 CTCTGTCCGCCAGGCTGGAG 1

RESULT 1185
US-10-728-509-94/c
; Sequence 94, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-94

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2150 GGCTCACTGCAAGCTCTGCC 2169
Db 20 GGTTCACTGCAACTCTGTGCC 1

RESULT 1186
US-10-627-757-19
; Sequence 19, Application US/10627757
; Publication No. US20040091914A1
; GENERAL INFORMATION:
; APPLICANT: KOUCHI YASUHIRO
; APPLICANT: MASASGO AKINORI
```

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; APPLICANT: TAKAHATI TAKAYUKI
; TITLE OF INVENTION: GENE ASSAY METHOD FOR PREDICTING GLAUCOMA ONSET RISK
; FILE REFERENCE: Q76319
; CURRENT APPLICATION NUMBER: US/10/627,757
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: JP P2002-226612
; PRIOR FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed DNA based on OPTN gene
US-10-627-757-19

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2229 TCTGCCACCACACCTGGCTA 2248
Db 1 TGTGCCACTACACCTGGCTA 20

RESULT 1187
US-10-300-424-19
; Sequence 19, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-424-19

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2350 GGGATTACAGCATGAGCCA 2369
Db 1 GGGATTCCAGTCATGAGCCA 20

RESULT 1188
US-10-304-107-81
; Sequence 81, Application US/10304107
; Publication No. US20040101855A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0433
; CURRENT APPLICATION NUMBER: US/10/304,107
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-107-81
```

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTACCGTG 2286
|||||
Db 1 AGAGACAGGGTTTACCTTG 20

RESULT 1189

US-10-303-325-83
; Sequence 83, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 83
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-83

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2147 CTGGCTCACTGCAAGCTCT 2166
|||||
Db 1 CTCGGCTCACTGCAACCTCT 20

RESULT 1190

US-10-303-325-149/c
; Sequence 149, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 149
; TYPE: DNA
; LENGTH: 20
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-149

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2147 CTGGCTCACTGCAAGCTCT 2166
|||||
Db 20 CTCGGCTCACTGCAACCTCT 1

RESULT 1191

US-10-315-474-88/c
; Sequence 88, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0338
; CURRENT APPLICATION NUMBER: US/10/315,474
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-474-88

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCCAGGA 2296
|||||
Db 20 TTTCACGTGTAGCCAGGA 1

RESULT 1192

US-10-316-516-64
; Sequence 64, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-64

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGGCATGAG 2366
|||||
Db 1 GCTAGGATTACAGGCGTGAG 20

RESULT 1193

US-10-316-516-121/c
; Sequence 121, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-516-121

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;

```
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGGCATGAG 2366
    ||| ||||| ||||| |||||
Db 20 GCTAGGATTACAGGCGTGAG 1

RESULT 1194
US-10-671-395-609/c
; Sequence 609, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-609

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 CCAGTCTTCTGCTGTACC 2123
    ||| ||||| ||||| |||||
Db 20 CAGAGTCTTCTGTGTGCC 1

RESULT 1195
US-10-671-395-752/c
; Sequence 752, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 752
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-752

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GTCTTGCTCTGTACCCAGG 2127
    ||||| ||||| ||||| |||||
Db 20 GTCTTGCTCTGTGTGCCAAG 1
```

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RESULT 1196
US-10-671-395-809/c
; Sequence 809, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 809
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-809

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGTCTCTTAC 2122
    ||| ||||| ||||| |||||
Db 20 ACAGAGTCTTGTCTCTGTGC 1

RESULT 1197
US-10-671-395-829/c
; Sequence 829, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 829
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-829

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204
    ||||| ||||| ||||| |||||
Db 20 CGATTCTCCGCTCAGCCT 1

RESULT 1198
US-10-671-395-948/c
; Sequence 948, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-948

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2109 TCTGCTCTGTACCAGGC 2128
Db 20 TCTGCTCTGTGCCCAAGC 1

RESULT 1199
US-10-671-395-950/c
; Sequence 950, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 950
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-950

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAGTGG 2141
Db 20 CCCAGCTGGAGTGCAGTGG 1

RESULT 1200
US-10-671-395-1041/c
; Sequence 1041, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
```

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; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1041
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1041

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCAGGCTGG 2131
Db 20 TGCTCTGTGCCCAAGCTGG 1

RESULT 1201
US-10-671-395-1101/c
; Sequence 1101, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1101

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTACCAGGCTGGA 2132
Db 20 GCTCTGTGCCCAAGCTGGA 1

RESULT 1202
US-10-671-395-1167/c
; Sequence 1167, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
```

; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1167

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTGCTCTGTACCCAGGCT 2129
|||||
DB 20 CTGCTCTGTGCCCAAGCT 1

RESULT 1203

US-10-671-395-1231/c
; Sequence 1231, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1231
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2111 TTGCTCTGTACCCAGGCTG 2130
|||||
DB 20 TTGCTCTGTGCCCAAGCTG 1

RESULT 1204

US-10-671-395-1323/c
; Sequence 1323, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1323
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1323
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2112 TTGCTCTGTACCCAGGCTG 2130
|||||
DB 20 TTGCTCTGTGCCCAAGCTG 1

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2114 CTCTGTACCCAGGCTGGAG 2133
|||||
DB 20 CTCTGTGCCCAAGCTGGAG 1

RESULT 1205

US-10-671-395-1391/c
; Sequence 1391, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1391
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1391
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2326 CCCACCTCGGCTCCCAAG 2345
|||||
DB 20 CCGGCTCGGCTCCCAAG 1

RESULT 1206

US-10-671-395-1417/c
; Sequence 1417, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1417
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1417
Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2255 TGTACTTTTAGTAGACAG 2274
|||||
DB 20 TGTATTTTAGTAGACAG 1

RESULT 1207

US-10-671-395-1433/c

```
; Sequence 1433, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1433

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCCGACCTC 2317
      ||||| ||||| ||||| |||||
Db 20 GGTCTCGAAGCTCTGGGCTC 1

RESULT 1208
US-10-671-395-1507/c
; Sequence 1507, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1507
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1507

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGG 2275
      ||| ||||| ||||| |||||
Db 20 GTATTTTAGTAGACAGGG 1

RESULT 1209
US-10-671-395-1549/c
; Sequence 1549, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1549
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1549

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGT 2134
      ||||| ||||| ||||| |||||
Db 20 TCTGTTGCCCAAGCTGGAGT 1

RESULT 1211
US-10-671-395-1573/c
; Sequence 1573, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
      ||||| ||||| ||||| |||||
Db 20 CTGTTGCCCAAGCTGGAGTG 1

RESULT 1210
US-10-671-395-1567/c
; Sequence 1567, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
      ||||| ||||| ||||| |||||
Db 20 CTGTTGCCCAAGCTGGAGTG 1

RESULT 1210
US-10-671-395-1567/c
; Sequence 1567, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGT 2134
      ||||| ||||| ||||| |||||
Db 20 TCTGTTGCCCAAGCTGGAGT 1

RESULT 1211
US-10-671-395-1573/c
; Sequence 1573, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1573
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1573
```


; SEQ ID NO 1573

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1573

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2249 AATTTTGTACTTTAGTAG 2268

Db 20 AATTTTGTACTTTAGTAG 1

RESULT 1212

US-10-671-395-1656/c

; Sequence 1656, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; TITLE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1656

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1656

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGCTCGATCTCCTG 2312

Db 20 AGGAGGGTCTCGAACTCCTG 1

RESULT 1213

US-10-671-395-1729/c

; Sequence 1729, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; TITLE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1729

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1729

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2291 CCAGGATGCTCGATCTCC 2310

Db 20 CCAGGAGGGTCTCGAACTCC 1

RESULT 1214

US-10-671-395-1739/c

; Sequence 1739, Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

; TITLE OF INVENTION: EXPRESSION

; FILE REFERENCE: 1179/1/US

; CURRENT APPLICATION NUMBER: US/10/671,395

; CURRENT FILING DATE: 2003-09-25

; PRIOR APPLICATION NUMBER: 60/413,549

; PRIOR FILING DATE: 2002-09-25

; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1739

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1739

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCCT 2311

Db 20 CAGGAGGGTCTCGAACTCCT 1

RESULT 1215

US-10-181-174B-56/c

; Sequence 56, Application US/10181174B

; Publication No. US20040132674A1

; GENERAL INFORMATION:

; APPLICANT: RESKE-KUNZ, A.B.

; APPLICANT: ROSS, XIAOLAN

; APPLICANT: ROSS, RALF

; APPLICANT: BROS, MATTHIAS

; TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN

; TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF

; FILE REFERENCE: VOS-38

; CURRENT APPLICATION NUMBER: US/10/181,174B

; CURRENT FILING DATE: 2002-07-12

; PRIOR APPLICATION NUMBER: P 100 01 169.1

; PRIOR FILING DATE: 2000-01-13

; PRIOR APPLICATION NUMBER: P 100 10 188.7

; PRIOR FILING DATE: 2000-03-02

; NUMBER OF SEQ ID NOS: 72

; SOFTWARE: PatentIn Ver. 3.2

; SEQ ID NO 56

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: primer

US-10-181-174B-56

Query Match 0.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2317 CQTGATCCGCCACCTCGGC 2336
| | | | | | | | | | | | | | | | | |
Db 20 CATGATCCGCCGCGCTCGGC 1

RESULT 1216
US-10-681-199-39
; Sequence 39, Application US/10681199
; Publication No. US20040138441A1
; GENERAL INFORMATION:
; APPLICANT: KERE, Juha
; TITLE OF INVENTION: NOVEL HUMAN GENE FUNCTIONALLY RELATED TO DYSLEXIA
; FILE REFERENCE: 0933-0214P
; CURRENT APPLICATION NUMBER: US/10/681,199
; PRIOR FILING DATE: 2003-10-09
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER EKNI-9F
US-10-681-199-39

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCCAAGTCTGGGATTA 2356
| | | | | | | | | | | | | | | | | |
Db 1 CTCCCAAGTCTGGGATTA 20

RESULT 1217
US-10-476-991-17/c
; Sequence 17, Application US/10476991
; Publication No. US20040248297A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
; FILE REFERENCE: (CA2-INDEPENDENT) EXPRESSION
; FILE REFERENCE: ISPH-0781
; CURRENT APPLICATION NUMBER: US/10/476,991
; PRIOR FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: 09/851,896
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-991-17

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTCAGGCAT 2363
| | | | | | | | | | | | | | | | | |
Db 20 AGTGCTGGGATTCAGGCAT 1

RESULT 1218
US-10-483-958-37

; Sequence 37, Application US/10483958
; Publication No. US20040254363A1
; GENERAL INFORMATION:
; APPLICANT: PRICE FOUNDATION LIMITED
; APPLICANT: YEAGER, Meredith
; APPLICANT: BERGEN, Andrew W.
; TITLE OF INVENTION: GENES AND SNPs ASSOCIATED WITH EATING DISORDERS
; FILE REFERENCE: 53061-5005-US
; CURRENT APPLICATION NUMBER: US/10/483,958
; CURRENT FILING DATE: 2004-01-16
; PRIOR APPLICATION NUMBER: PCT/US02/22555
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US 60/305,153
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: US 60/306,440
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/331,285
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/340,843
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US 60/340,844
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: OPRD1 sequencing primer
US-10-483-958-37

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACCGTG 2286
| | | | | | | | | | | | | | | | | |
Db 1 AGAGAGGGGGTTTCACCGTG 20

RESULT 1219
US-10-695-568-129
; Sequence 129, Application US/10695568
; Publication No. US20040254137A1
; GENERAL INFORMATION:
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: C. Frank Bennett
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; APPLICANT: William Ricketts
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF FLIP-C EXPRESSION
; FILE REFERENCE: RTS-0202
; CURRENT APPLICATION NUMBER: US/10/695,568
; CURRENT FILING DATE: 2003-10-27
; PRIOR APPLICATION NUMBER: US/09/666,269
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-695-568-129

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAG 2345
| | | | | | | | | | | | | | | | | |

```
Db 1 CCCTCCTGGCTGCCAAAG 20
;
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 67
US-09-784-423-67
Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2111 TTGCTCTGTTCACCGAGCTG 2130
|||||
Db 20 TTGCTCTGTTCACCGAGCTG 1
;
;
RESULT 1222
US-09-784-423-112/c
; Sequence 112, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 112
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 112
US-09-784-423-112
Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2106 GAGTCTTCTCTGTTACCCA 2125
|||||
Db 20 GAGTCTTCTCTGTTACCCA 1
;
;
RESULT 1223
US-09-989-993-43/c
; Sequence 43, Application US/09989993
; Publication No. US20030134263A1
; GENERAL INFORMATION:
```

APPLICANT: Erives, Albert
TITLE OF INVENTION: REGULATORY NUCLEIC ACID ASSAY FOR
FILE REFERENCE: 52400-20002.00
CURRENT APPLICATION NUMBER: US/09/989,993
CURRENT FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 43
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer EPO bottom-1
US-09-989-993-43

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2108 GCTTGGCTCTGTTACCCAGG 2127
|||||
DB 20 GCTTGGCTATGTTGCCAGG 1

RESULT 1224
US-10-085-906-476/C
Sequence 476, Application US/10085906
Publication No. US20030054371A1

GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 476
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-476

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTGCTGACCTCC 2206
|||||
DB 20 ATTCTCATGACTGACCTCC 1

RESULT 1225
US-10-165-099-264
Sequence 264, Application US/10165099
Publication No. US20030188326A1

GENERAL INFORMATION:
APPLICANT: D'Andrea, Alan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
FILE REFERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US/10/165,099
CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 09/998,027

PRIOR FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 60/245,756
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 352
SOFTWARE: PatentIn version 3.1
SEQ ID NO 264
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-165-099-264

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCAGTCAAGCT 2164
|||||
DB 2 ATCTCGCTCAGTCAATCT 21

RESULT 1226
US-10-786-720-11640/C
Sequence 11640, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11640
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-11640

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1443 AATGATGATAAAATTACACA 1462
|||||
DB 21 AATGATGATAAACTTACAGA 2

RESULT 1227
US-10-786-720-13918
Sequence 13918, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13918
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13918

[illegible]

```

; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23754
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23754

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1462 AAGCTTCACAAATCACAGAA 1481
Db 20 AAGCTTCTCGATCACAGAA 1

RESULT 1238
US-10-751-736-23771
; Sequence 23771, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23771
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23771

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 1.2e+03;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCACGCT 2164
Db 1 AUCUUGGCUCACUGAAACCU 20

RESULT 1239
US-10-751-736-23938
; Sequence 23938, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

```

```

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 23938
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23938

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGCGCACC 2371
Db 1 GATTACAGGCGTAAGCCACC 20

RESULT 1240
US-10-751-736-42848/c
; Sequence 42848, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 42848
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-42848

Query Match      0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2296 ATGGTCTCGATCTCTGACC 2315
Db 20 ATGGTCTCAAACTCTCTGACC 1

RESULT 1241
US-10-751-736-43684/c
; Sequence 43684, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patentin version 3.2

```

```
; SEQ ID NO 43684
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43684

Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTG 2312
Db 20 AGGCTGGTCTCGAACTCTG 1

RESULT 1242
US-09-225-201-25/c
; Sequence 25, Application US/09225201
; Patent No. US2001000744A1
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; ADDRESSEE: Bokhadze, George
; BIBLIASHVILI, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESS: Bozicevic, Field & Francis LLP
; STREET: 200 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: CLON-001CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:

Query Match          0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGTGG 2141
Db 21 CTCAGGCTGGAGTGTAGTGG 2
```

```
RESULT 1243
US-09-893-238-92/c
; Sequence 92, Application US/09893238
; Patent No. US20020150973A1
; GENERAL INFORMATION:
; APPLICANT: Moore, K.
; APPLICANT: Nagle, D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; FILE REFERENCE: 7853-237
; CURRENT APPLICATION NUMBER: US/09/893,238
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: 09/245,041
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/093,630
; PRIOR FILING DATE: 1998-07-21
; PRIOR APPLICATION NUMBER: 60/104,978
; PRIOR FILING DATE: 1998-10-20
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-893-238-92

Query Match          0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2268 GAGACAGGGTTTCACCGTGT 2287
Db 21 GAGACAGGGTCTCACTGTGT 2

RESULT 1244
US-10-463-981B-2/c
; Sequence 2, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saffery, Richard Eric
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838.0140)
; CURRENT APPLICATION NUMBER: US/10/463,981B
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: PCT/AU01/01644
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: AU PR2247
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: AU PR8909
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-2

Query Match          0.7%; Score 16.6; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
Db 18 AGGCTGGAGTGCAGTGG 2
```


[illegible]

```
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-09-841-366A-8

Query Match      0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2152 CTCACCTGCAAGCTCTGCC 2169
Db 18 CTCACCTGCAAGCTCTGCC 1

RESULT 1250
US-09-739-909-9/c
; Sequence 9, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-9

Query Match      0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2108 GTCCTGCTCTGTTACCCA 2125
Db 18 GTCCTGCTCTGTTACCCA 1

RESULT 1251
US-10-255-434-4
; Sequence 4, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Williams, Brett F.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-4

Query Match      0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCGATG 2364
Db 18 GCTGGGATTACAGCGATG 1

RESULT 1253
US-10-171-319-46/c
; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORMATION:
; APPLICANT: Ardem Patapoutian
; APPLICANT: Andrea Feier
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuangzheng Song
; APPLICANT: Pamposh Ganju
; TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
; TITLE OF INVENTION: AND POLYPEPTIDES
; FILE REFERENCE: 4-32048A
; CURRENT APPLICATION NUMBER: US/10/171,319
; CURRENT FILING DATE: 2002-10-24
; PRIOR APPLICATION NUMBER: 60/297,835
; PRIOR FILING DATE: 2001-06-13

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-16

Query Match      0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCGATG 2364
Db 18 GCTGGGATTACAGCGATG 1

RESULT 1252
US-10-255-434-16/c
; Sequence 16, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-16

Query Match      0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCGATG 2364
Db 18 GCTGGGATTACAGCGATG 1

RESULT 1253
US-10-171-319-46/c
; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORMATION:
; APPLICANT: Ardem Patapoutian
; APPLICANT: Andrea Feier
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuangzheng Song
; APPLICANT: Pamposh Ganju
; TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
; TITLE OF INVENTION: AND POLYPEPTIDES
; FILE REFERENCE: 4-32048A
; CURRENT APPLICATION NUMBER: US/10/171,319
; CURRENT FILING DATE: 2002-10-24
; PRIOR APPLICATION NUMBER: 60/297,835
; PRIOR FILING DATE: 2001-06-13
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; PRIOR APPLICATION NUMBER: 60/351,238
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/352,914
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/357,161
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/381,086
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/381,739
; PRIOR FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-171-319-46

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Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2117 TGTACCACGCTGGACT 2134
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Db 18 TGTACCACGCTGGACT 1

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RESULT 1254
US-10-314-810-8/c
; Sequence 8, Application US/10314810
; Publication No. US20030180758A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffery W.
; APPLICANT: Flanagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/10/314,810
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/09/841,366
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-10-314-810-8

```

```

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2152 CTCACGCAAGCTCTGCC 2169
||||| ||||| ||||| |||||
Db 18 CTCACGCAAGCTCTGCC 1

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RESULT 1255
US-10-187-975-133/c
; Sequence 133, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patturajan, Meera

```

```

; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hjal, Tord
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennda
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Rastelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/305,673
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/308,877
; PRIOR FILING DATE: 2001-07-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 288
; SOFTWARE: CuraSeqlist version 0.1
; SEQ ID NO 133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-187-975-133

```

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Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2189 TCTCTGCTCCTCAGCCTCC 2206
||||| ||||| ||||| |||||
Db 18 TCTCTGCTCCTCAGCCTCC 1

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RESULT 1256
US-10-473-368-10/c
; Sequence 10, Application US/10473368

```

```
; Publication No. US20040175706A1
; GENERAL INFORMATION:
; APPLICANT: SHIOZAWA, Shunichi
; APPLICANT: KOMAI, Koichiro
; APPLICANT: YAGI, Hirofumi
; APPLICANT: MATSUURA, Nao
; TITLE OF INVENTION: Genomic DNAs involved in participating in rheumatoid arthritis,
; TITLE OF INVENTION: a method of diagnosing or judging onset risk of the same,
; TITLE OF INVENTION: method of judging onset risk thereof and diagnostic kit for dete
; FILE REFERENCE: 2003-1388A/WNC/00653
; CURRENT APPLICATION NUMBER: US/10/473,368
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: JP2001-102006
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-473-368-10

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGCGCATGAGCCAC 2370
Db 18 ATTACGCGCATGAGCCAC 1

RESULT 1257
US-10-473-126-82/c
; Sequence 82, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; TITLE OF INVENTION: proliferative disorders
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 82
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-82

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2143 TGATCTGGCTCACTGCA 2160
Db 18 TGATCTGGCTCACTGCA 1

RESULT 1258
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTCACCCAGCGTGGAGTG 2

RESULT 1259
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20040248086A9
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTCACCCAGCGTGGAGTG 2

RESULT 1260
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
```

```
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTCACCCAGCGTGGAGTG 2

RESULT 1259
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20040248086A9
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 160
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D4S1575 reverse primer
US-09-881-012-160

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2118 GTTACCCAGCGTGGAGTG 2135
Db 19 GTCACCCAGCGTGGAGTG 2

RESULT 1260
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
```

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; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTGCAGTGG 2141
      ||||| ||||| ||||| ||||| |||||
Db 2 CAGCTGGAGTGCAGTGG 19

RESULT 1261
US-09-996-292A-53/c
; Sequence 53, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthothathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1262
US-09-843-377-88
; Sequence 88, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89

; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTGCAGTGG 2141
      ||||| ||||| ||||| ||||| |||||
Db 2 CAGCTGGAGTGCAGTGG 19

RESULT 1261
US-09-996-292A-53/c
; Sequence 53, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthothathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1262
US-09-843-377-88
; Sequence 88, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89

; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-88

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTATCCAGGCTG 2130
      ||||| ||||| ||||| ||||| |||||
Db 1 GCTCTGTATCCAGGCTG 18

RESULT 1263
US-10-013-295-53/c
; Sequence 53, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1e1 Sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: N= G-clamp modification
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: N= G-clamp modification
US-10-013-295-53

Query Match          0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1579 AAGAGAGTGTGGAATCTA 1596
      ||||| ||||| ||||| ||||| |||||
Db 19 ACGAGAGTGTGGAATCTA 2

RESULT 1264
US-10-215-448-77/c
; Sequence 77, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-77
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Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AAGCAACACATATTGTA 536
Db 18 AAGCAACACATATTGTA 1

RESULT 1265
US-10-317-500-45/c
; Sequence 45, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-45

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCTGGAAGCAAACTG 1352
Db 18 TCTGGAAGCAAACTG 1

RESULT 1266
US-10-317-500-197
; Sequence 197, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-317-500-197

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCTGGAAGCAAACTG 1352
Db 3 TCTGGAAGCAAACTG 20

RESULT 1267
US-10-671-395-553/c
; Sequence 553, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 610
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-610/c
; Sequence 610, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 610
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-610

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGA 2365
Db 20 CTGGGATTACAGGCATGA 3

RESULT 1269
US-10-671-395-862/c
; Sequence 862, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 553
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-553
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; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 862
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-862

Query Match      0.7%   Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCCTCC 2206
      ||||| ||||| |||||
Db 20 TCTCCGCTCAGCCTCC 3

RESULT 1270
US-10-819-244-88
; Sequence 88, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-819-244-88

Query Match      0.7%   Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTG 2130
      ||||| ||||| |||||
Db 1 GCTCTGTTACCCAGGCTG 18

RESULT 1271
US-09-998-966-47/c
; Sequence 47, Application US/0998966
; Publication No. US20030194761A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-551
; CURRENT APPLICATION NUMBER: US/09/998,966
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 09/569,269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
; OTHER INFORMATION: synthesized
US-09-998-966-47

Query Match      0.7%   Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCATG 2364
      ||||| ||||| |||||
Db 19 GCTGGGACTACAGCATG 2

RESULT 1272
US-10-013-329-5/c
; Sequence 5, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Eiji
; TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
; TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Upstream primer p5
US-10-013-329-5

Query Match      0.7%   Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
      ||||| ||||| |||||
Db 21 CAGGCTGGAGTACAGTGG 4

RESULT 1273
US-10-004-415-47/c
; Sequence 47, Application US/10004415
; Publication No. US20030119095A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED
; TITLE OF INVENTION: THEREBY
; FILE REFERENCE: 15966-551
; CURRENT APPLICATION NUMBER: US/10/004,415
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 09/569,269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47

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; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 47

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:chemically

; OTHER INFORMATION: synthesized

US-10-004-415-47

Query Match

Best Local Similarity 0.7%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATG 2364

Db 19 GCTGGACTACAGCATG 2

RESULT 1274

US-10-384-974-46/C

; Sequence 46, Application US/10384974

; Publication No. US20040014173A1

; GENERAL INFORMATION:

; APPLICANT: Anderson et al.

; TITLE OF INVENTION: No. US20040014173A1el Polynucleotides, Polypeptides Encoded There

; FILE REFERENCE: 15966-551CIPICONI

; CURRENT APPLICATION NUMBER: US/10/384,974

; CURRENT FILING DATE: 2003-03-10

; PRIOR APPLICATION NUMBER: 10/081,407,

; PRIOR FILING DATE: 2000-05-11

; PRIOR APPLICATION NUMBER: 60/134,315

; PRIOR FILING DATE: 1999-05-14

; PRIOR APPLICATION NUMBER: 60/175,744

; PRIOR FILING DATE: 2000-01-12

; PRIOR APPLICATION NUMBER: 60/188,274

; PRIOR FILING DATE: 2000-03-10

; NUMBER OF SEQ ID NOS: 179

; SOFTWARE: Curaseqlist version 0.1

; SEQ ID NO 46

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

US-10-384-974-46

Query Match

Best Local Similarity 0.7%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATG 2364

Db 19 GCTGGACTACAGCATG 2

RESULT 1275

US-10-786-720-13909

; Sequence 13909, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13909

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13909

Query Match

Best Local Similarity 0.7%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141

Db 1 CAGGCTGGAGTGCAGTGG 18

RESULT 1276

US-10-786-720-20189/c

; Sequence 20188, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20188

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-20188

Query Match

Best Local Similarity 0.7%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCAGTG 2140

Db 18 CCAGGCTGGAGTGCAGTG 1

RESULT 1277

US-10-786-720-20236

; Sequence 20236, Application US/10786720

; Publication No. US20040191818A1

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 20236

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-20236

Query Match

Best Local Similarity 0.7%; Score 16.4; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCAA 2161

Db 4 GATCTGGCTCACTGCAA 21


```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-981-566A-137

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1309 ATAAAGGGAAGATTAAGGGG 1329
Db 21 ATAAAGGGATTGAGAAAGGG 1

RESULT 1287
US-10-132-080-25
; Sequence 25, Application US/10132080
; Publication No. US20030049204A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1011-000
; CURRENT APPLICATION NUMBER: US/10/132,080
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/285,687
; PRIOR FILING DATE: 2001-04-24
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-132-080-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGC 21

RESULT 1288
US-10-125-690-23
; Sequence 23, Application US/10125690
; Publication No. US20030053950A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1009-000
; CURRENT APPLICATION NUMBER: US/10/125,690
; CURRENT FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/284,210
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-125-690-23

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGC 21

RESULT 1289
US-10-085-906-475/c
; Sequence 475, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 475
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-475

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTCACCGTGTAGC 2291
Db 21 ACAGGGTTTCGCATGTTGC 1

RESULT 1290
US-10-100-556-25
; Sequence 25, Application US/10100556
; Publication No. US20030068273A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1004-000
; CURRENT APPLICATION NUMBER: US/10/100,556
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,489
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-556-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGC 21
```

```
RESULT 1291
US-10-100-218-25
; Sequence 25, Application US/10100218
; Publication No. US2003007210A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1005-000
; CURRENT APPLICATION NUMBER: US/10/100.218
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,490
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-218-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1292
US-10-134-296-25
; Sequence 25, Application US/10134296
; Publication No. US2003007313A1
; GENERAL INFORMATION:
; APPLICANT: Brian Leyland-Jones
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1012-000
; CURRENT APPLICATION NUMBER: US/10/134.296
; PRIOR FILING DATE: 2002-04-26
; PRIOR APPLICATION NUMBER: 60/286,336
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-134-296-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1293
US-10-141-533-25
; Sequence 25, Application US/10141533
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1013-000
; CURRENT APPLICATION NUMBER: US/10/135.185
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: 60/287,014
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-135-185-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1294
US-10-072-611-23
; Sequence 23, Application US/10072611
; Publication No. US20030091975A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: MULTIPLE DETERMINANTS FOR METABOLIC
; FILE REFERENCE: 3298.1001-000
; CURRENT APPLICATION NUMBER: US/10/072.611
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/267,472
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-072-611-23

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1295
US-10-135-185-25
; Sequence 25, Application US/10135185
; Publication No. US2003010848A1
; GENERAL INFORMATION:
; APPLICANT: Brian Leyland-Jones
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; FILE REFERENCE: 3298.1013-000
; CURRENT APPLICATION NUMBER: US/10/135.185
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: 60/287,014
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-135-185-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
      |||||
Db 1 GACAGGGTTTCATCATGTGG 21
```

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-135-185-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1296
US-10-125-693-23
; Sequence 23, Application US/10125693
; Publication No. US20030124636A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; TITLE OF INVENTION: ANTIARRHYTHMICS
; FILE REFERENCE: 3298.1008-000
; CURRENT APPLICATION NUMBER: US/10/125,693
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/284,191
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-125-693-23

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1297
US-10-128-560-58
; Sequence 58, Application US/10128560
; Publication No. US20030134272A1
; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
; FILE REFERENCE: UG-005-PCT
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-58

Query Match 0.7%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2334 GGCCTCCCAAGTCTGGGAT 2354
|||||
Db 1 GGCCTCCTGAAGTCTGGGAT 21

RESULT 1298
US-10-164-854-25
; Sequence 25, Application US/10164854
; Publication No. US20030138375A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
; TITLE OF INVENTION: ALZHEIMER'S DISEASE AGENTS
; FILE REFERENCE: 3298.1016-000
; CURRENT APPLICATION NUMBER: US/10/164,854
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/295,860
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-164-854-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1299
US-10-087-996-25
; Sequence 25, Application US/10087996
; Publication No. US20030138377A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: USE OF METABOLIC PHENOTYPING IN
; TITLE OF INVENTION: INDIVIDUALIZED TREATMENT WITH AMONAFIDE
; FILE REFERENCE: 3298.1003-000
; CURRENT APPLICATION NUMBER: US/10/087,996
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/271,714
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-087-996-25

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1300

```
US-10-100-230-25
; Sequence 25, Application US/10100230
; Publication No. US20030170176A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1006-000
; CURRENT APPLICATION NUMBER: US/10/100,230
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,462
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a primer
US-10-100-230-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1301
US-10-100-272-25
; Sequence 25, Application US/10100272
; Publication No. US20030175210A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1007-000
; CURRENT APPLICATION NUMBER: US/10/100,272
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,493
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-272-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1302
US-10-100-466-25
; Sequence 25, Application US/10325466
; Publication No. US20030180823A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1020-000
; CURRENT APPLICATION NUMBER: US/10/325,466
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```
US-10-100-230-25
; Sequence 25, Application US/10100230
; Publication No. US20030170176A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1006-000
; CURRENT APPLICATION NUMBER: US/10/100,230
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,462
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a primer
US-10-100-230-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1301
US-10-100-272-25
; Sequence 25, Application US/10100272
; Publication No. US20030175210A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; FILE REFERENCE: 3298.1007-000
; CURRENT APPLICATION NUMBER: US/10/100,272
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,493
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-100-272-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1302
US-10-325-466-25
; Sequence 25, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 339
; LENGTH: 21
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```

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-339

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2262 TTAGTAGAGACAGGGTTTCAC 2282
Db 1 TCAGTAGAGATGGGGTTTCAC 21

RESULT 1305
US-10-124-747-25
; Sequence 25, Application US/10124747
; Publication No. US20030190671A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: USE OF METABOLIC PHENOTYPING IN
; TITLE OF INVENTION: INDIVIDUALIZED TREATMENT WITH AMONAFIDE
; FILE REFERENCE: 3298.1003-001
; CURRENT APPLICATION NUMBER: US/10/124,747
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 10/087,996
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/271,714
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-124-747-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1306
US-10-307-204-25
; Sequence 25, Application US/10307204
; Publication No. US20030195350A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Antiviral Agents
; FILE REFERENCE: 3287.1004-000
; CURRENT APPLICATION NUMBER: US/10/307,204
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/333,500
; PRIOR FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-307-204-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1307
US-10-408-168-18/c
; Sequence 18, Application US/10408168
; Publication No. US20030235847A1
; GENERAL INFORMATION:
; APPLICANT: Paepel, Bryan W.
; APPLICANT: Prohl, Sean
; APPLICANT: Charmley, Patrick R.
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Uitterlinden, Andreas Gerardus
; TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST
; TITLE OF INVENTION: GENE REGION WITH BONE MINERAL DENSITY
; FILE REFERENCE: 240083.525
; CURRENT APPLICATION NUMBER: US/10/408,168
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse primer
US-10-408-168-18

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACAGCGGTTTC 2280
Db 21 TTTTGATAGACGCGGTTTC 1

RESULT 1308
US-10-607-848-25
; Sequence 25, Application US/10607848
; Publication No. US20040084867A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Anticoagulants
; FILE REFERENCE: 3287.1005-000
; CURRENT APPLICATION NUMBER: US/10/607,848
; CURRENT FILING DATE: 2003-06-27
; PRIOR APPLICATION NUMBER: 60/391,976
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-607-848-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTTGG 21

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RESULT 1309
US-10-307-210-25
; Sequence 25, Application US/10307210
; Publication No. US20040101477A1
; GENERAL INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Individualization of Therapy with
; TITLE OF INVENTION: Anesthetics
; FILE REFERENCE: 3287.1003-000
; CURRENT APPLICATION NUMBER: US/10/307,210
; CURRENT FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 60/333,486
; PRIOR FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence to be used as a Primer
US-10-307-210-25

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
Db 1 GACAGGGTTTCATCATGTGG 21

RESULT 1310
US-10-786-720-13252/c
; Sequence 13252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13252

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCAAGCTC 2165
Db 21 ATCTCAGCTCACTGCAACCTC 1

RESULT 1311
US-10-786-720-13919
; Sequence 13919, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
```

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; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13919
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13919

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 1.3e+03;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTCT 2166
Db 1 UCUCGGCUCACUGCAACCUUU 21

RESULT 1312
US-10-786-720-20179/c
; Sequence 20179, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20179
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20179

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAGGATG 2298
Db 21 TTCACCATGTGGCCAGGCTG 1

RESULT 1313
US-10-786-720-20362/c
; Sequence 20362, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20362
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20362

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
```


Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGACCTC 2317
|||||
Db 21 TGGTCTCAACTCCAGACCTC 1

RESULT 1314

US-10-786-720-20368/c
; Sequence 20368, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20368

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2283 CGGTGTAGCCAGGATGGTCTC 2303
|||||
Db 21 CATGTTGCCAGGCTGGTCTC 1

RESULT 1315

US-10-786-720-20371/c
; Sequence 20371, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20371
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20371

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2281 ACCGTGTTAGCCAGGATGGTC 2301
|||||
Db 21 ACCATGTTGCCAGGCTGGTC 1

RESULT 1316

US-10-786-720-20456
; Sequence 20456, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20456
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20456

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 1.3e+03;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTCT 2166
:|: |||: |||: |||: |||: |:
Db 1 UCUCGGCUCACUGCAACUUU 21

RESULT 1317

US-10-751-736-4129
; Sequence 4129, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4129

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGCAT 2363
|||||
Db 1 AAGTGTAGGATTACAGCCGT 21

RESULT 1318

US-10-751-736-4609
; Sequence 4609, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4609
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-4609

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2292 CAGGATGCTCGATCTCCTG 2312
||||| ||||| ||||| |||||
Db 1 CAGGCTGCTCTGACTCCTG 21

RESULT 1319

US-10-751-736-4616
; Sequence 4616, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4616
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-4616

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+03;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 2343 AAGTGCTGGGATTCAGGCAT 2363
||||| ||||| ||||| |||||
Db 1 AAGUGCUAGGAUACAGCCUU 21

RESULT 1320

US-10-751-736-5110
; Sequence 5110, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5110
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5110

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAAGCT 2164
||||| ||||| ||||| |||||
Db 1 GATCTTGGCTCACTATACCT 21

RESULT 1321

US-10-751-736-23456
; Sequence 23456, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23456
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23456

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 1.3e+03;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTCT 2166
:||: ||||| ||||| |||||
Db 1 UCUUGGCUACUGAAACCUUU 21

RESULT 1322

US-10-751-736-23636
; Sequence 23636, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23636
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23636

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+03;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCTCT 2171
:||: ||||| ||||| |||||

Db 1 GAUCACUGCAACCUUGCCUU 21

RESULT 1323

US-10-751-736-23933
; Sequence 23933, Application US/10751736
; Publication No. US20040265230A1

; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 23933

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Rnai

US-10-751-736-23933

Query Match

Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;

Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 2234 CACCACACCTGGCTTAATTTT 2254

||||| ||||| : : : :

Db 1 CACCAAGCCUGGCUAUAUUU 21

RESULT 1324

US-10-751-736-24004

; Sequence 24004, Application US/10751736

; Publication No. US20040265230A1

; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24004

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-24004

Query Match

Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTGCTCTGTT 2120

||||| ||||| : : : :

Db 1 GAGATGGAGTCTGCTCTGTT 21

RESULT 1325

US-10-751-736-41110

; Sequence 41110, Application US/10751736

; Publication No. US20040265230A1

; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 41110

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-41110

Query Match

Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1331 AATCTCTGAGAAAGCCAAACT 1351

||||| ||||| : : : :

Db 1 AATCTATGAGAAAGCCATTCT 21

RESULT 1326

US-10-751-736-42592/c

; Sequence 42592, Application US/10751736

; Publication No. US20040265230A1

; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 42592

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-42592

Query Match

Best Local Similarity 0.7%; Score 16.2; DB 1; Length 21;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGTCAGCCACCG 2372

||||| ||||| : : : :

Db 21 GATTACAGGTGTGAGCCACTG 1

RESULT 1327

US-10-751-736-43696/c

; Sequence 43696, Application US/10751736

; Publication No. US20040265230A1

; GENERAL INFORMATION:
; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE OF INVENTION: CANCERS

```
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43696
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-751-736-43696

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2098 TTGAGCCGAGCTCTTGCTCTG 2118
Db   21 TTGAGATGAGTCTTGCACTG 1

RESULT 1328
US-10-751-736-43822/c
; Sequence 43822, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43822
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-751-736-43822

Query Match      0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2145 ATCTGGCTCACTGCAAGCTC 2165
Db   21 ATCTGGTTCACGCAACCTC 1

RESULT 1329
US-09-739-909-8
; Sequence 8, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1

Query Match      0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2126 GGCTGGAGTGCAGTGG 2141
Db   1 GGCTGGAGTGCAGTGG 16

RESULT 1330
US-09-739-909-11/c
; Sequence 11, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-739-909-11

Query Match      0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2126 GGCTGGAGTGCAGTGG 2141
Db   16 GGCTGGAGTGCAGTGG 1

RESULT 1331
US-10-124-038-44
; Sequence 44, Application US/10124038
; Publication No. US20030082572A1
; GENERAL INFORMATION:
; APPLICANT: Spier, Eugene
; APPLICANT: Boyd, Victoria L.
; TITLE OF INVENTION: Methods and Compositions for Nucleotide Analysis
; FILE REFERENCE: 7414.0045
; CURRENT APPLICATION NUMBER: US/10/124,038
; CURRENT FILING DATE: 2002-07-25
; PRIOR APPLICATION NUMBER: US 60/284,409
; PRIOR FILING DATE: 2001-04-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description: synthesized oligonucleotide primer
; US-10-124-038-44

Query Match      0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
```

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2284 GTGTTACCCAGGATGG 2299
|||||
Db 1 GTGTTAGCCAGGATGG 16

RESULT 1332

US-10-092-885-40/c
; Sequence 40, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-40

Query Match 0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2145 ATCTTGGCTCACTGCA 2160
|||||
Db 16 ATCTTGGCTCACTGCA 1

RESULT 1333

US-10-092-885-42/c
; Sequence 42, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-42

Query Match 0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2333 CGGCCTCCCAAGTGC 2348
|||||
Db 16 CGGCCTCCCAAGTGC 1

RESULT 1334

US-10-092-885-49/c

; Sequence 49, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-49

Query Match 0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGCTCTCGATCTC 2309
|||||
Db 16 GGATGCTCTCGATCTC 1

RESULT 1335

US-10-478-019-124/c
; Sequence 124, Application US/10478019
; Publication No. US20040248830A1
; GENERAL INFORMATION:
; APPLICANT: Immusol Incorporated
; APPLICANT: Tritz, Richard
; APPLICANT: Keilly, Benjamin
; APPLICANT: Habita, Cellia
; APPLICANT: Robbins, Joan
; APPLICANT: Barber, Jack
; TITLE OF INVENTION: Agents That Regulate Apoptosis
; FILE REFERENCE: P-IMM 1001 US
; CURRENT APPLICATION NUMBER: US/10/478,019
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: PCT/US02/15198
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: US 60/290,927
; PRIOR FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 171
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-478-019-124

Query Match 0.7%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGGT 2277
|||||
Db 16 TTAGTAGACAGCGGT 1

RESULT 1336

US-09-898-779-91/c
; Sequence 91, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)

; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; TITLE OF INVENTION: No. US20020106657A1-responsiveness to Statin Drug Treatment
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-91

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
|||||
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1337
US-10-205-522-13
; Sequence 13, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; TITLE OF INVENTION: 2B15 (UGT2B15) Genes
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-13

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTACCCGTGTA 2289
|||||
Db 2 GGGTTTACCCGTGTA 17

RESULT 1338
US-10-156-306-537
; Sequence 537, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 537
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-537

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.3e+03;
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAA 2161
:|||||:|||||
Db 1 UCUGGCUACACUGCAA 16

RESULT 1339
US-10-156-306-547
; Sequence 547, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 547
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-547

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCCTCC 2206
:|||||:|||||
Db 1 UCCUGCCUCAGCCUCC 16

RESULT 1340
US-10-156-306-1654
; Sequence 1654, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1654
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1654

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGA 2137
|||||:|||||
Db 2 CCCAGCGUGAGUGCA 17

```

; SEQ ID NO 1712
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1712

Query Match          0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      2330 CCTCGGCGCTCCCAAG 2345
      ||:||||:|||||
Db       2 CCUCGGCCUCCCAAG 17

RESULT 1344
US-10-156-306-2890
; Sequence 2890, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2890
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2890

Query Match          0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
      |:|:|:|:|:|:|
Db       1 GUGCUGGGAUUACAGG 16

RESULT 1345
US-10-156-306-3777
; Sequence 3777, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3777
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3777

Query Match          0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      2122 CCCAGCGTGAGTGCA 2137
      |||||:|:|:|:|
Db       1 CCCAGCGUGGAGUGCA 16

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RESULT 1346
US-10-238-700-363/c
; Sequence 363, Application US/10238700
; Publication No. US2003015321A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 363
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-363

Query Match          0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 452 TTATCTATGAAGAG 467
Db 17 TTATCTATGAAGAG 2

RESULT 1347
US-09-728-552-2/c
; Sequence 2, Application US/09728552
; Publication No. US20030096398A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/728,552
; CURRENT FILING DATE: 2000-12-02
; PRIOR APPLICATION NUMBER: 09/078,294
; PRIOR FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-728-552-2

Query Match          0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2124 CAGGCTGAGTGCAGTGG 2141
Db 19 CAGGCTGAGTGCAGTGG 2

RESULT 1348
US-10-045-072-34
; Sequence 34, Application US/10045072
; Publication No. US20030027305A1
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.079002

; CURRENT APPLICATION NUMBER: US/10/045,072
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 09/677,575
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 09/220,081
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-045-072-34

Query Match          0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 185 GTGGAATGATCCCCGA 200
Db 4 GTGGAATGATCCCCGA 19

RESULT 1349
US-10-731-739-222
; Sequence 222, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-222

Query Match          0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGG 2360
Db 1 GTGCTGGGATTACAGG 16

RESULT 1350
US-10-477-238A-222
; Sequence 222, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babi, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
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; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-222

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Query Match          0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      2345 GTGCTGGGATTACAGG 2360
Db      1   GTGCTGGGATTACAGG 16

```

```

RESULT 1351
US-10-680-287A-222
; Sequence 222, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: BabiJ, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-222

```

```

Query Match          0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2345 GTGCTGGGATTACAGG 2360
Db      1   GTGCTGGGATTACAGG 16

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RESULT 1352
US-10-085-906-323/c
; Sequence 323, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 323
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-323

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Query Match          0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      2122 CCCAGGCTGGAGTGCA 2137
Db      18   CCCAGGCTGGAGTGCA 3

```

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RESULT 1353
US-10-007-078-81/c
; Sequence 81, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-81

```

```

Query Match          0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2123 CCAGGCTGGAGTGCGAG 2138
Db      16   CCAGGCTGGAGTGCGAG 1

```

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RESULT 1354
US-10-148-355A-64/c
; Sequence 64, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: ISIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTS-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30

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; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-64

Query Match 0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2126 GGCTGGAGTGCAGTGG 2141
Db 20 GGCTGGAGTGCAGTGG 5
|||||

RESULT 1355
US-10-786-720-20622/c
; Sequence 20622, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; CURRENT APPLICATION NUMBER: US/101331L
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20622
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20622

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGCATGAGCCACC 2371
Db 20 ACAGCATGAGCCACC 5
|||||

RESULT 1356
US-10-786-720-20627
; Sequence 20627, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE OF INVENTION: DISEASES
; CURRENT APPLICATION NUMBER: US/10786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20627
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20627

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 1.3e+03;

Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
QY 2126 GGCTGGAGTGCAGTGG 2141
Db 1 GGCUGGAGUGCAGUGG 16
|||||

RESULT 1357
US-10-751-736-23458
; Sequence 23458, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23458
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23458

Query Match 0.7%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2187 ATTCTCTGCTCAGC 2202
Db 6 ATTCTCTGCTCAGC 21
|||||

RESULT 1358
US-10-204-254A-15/c
; Sequence 15, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Mikka
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 50/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-15

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2176 GGGTTGCGCACCATTCTCCT 2194

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Db 19 GGGTTCAGCCATTCCT 1
||||| | |||||
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-10-331-907-242
Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2234 CACCACACCTGGCTAATTT 2252
||||| ||||| |||||
Db 19 CACCATGCTGGCTAATTT 1

RESULT 1361
US-10-740-266-1/c
Sequence 1, Application US/10740266
Publication No. US20040191230A1
GENERAL INFORMATION:
APPLICANT: ANSELLEM, VALERIE
APPLICANT: HERVY, FREDERIC
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION FOR THE DIAGNOSIS,
PREVENTION OR TREATMENT OF A TUMORAL PATHOLOGY
TITLE OF INVENTION: COMPRISING AN AGENT MODULATING THE POLYMERIZATION STATE
TITLE OF INVENTION: OF ACTIN
FILE REFERENCE: 1417-03
CURRENT APPLICATION NUMBER: US/10/740,266
CURRENT FILING DATE: 2003-12-18
PRIOR APPLICATION NUMBER: PCT/FR02/02106
PRIOR FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: FR01/07976
PRIOR FILING DATE: 2001-06-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-740-266-1
Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1666 ATGGCAAAACAGGATCT 1684
||||| ||||| |||||
Db 19 ATGGCAAAACAGGATCT 1

RESULT 1362
US-10-331-907-242/c
Sequence 242, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hesse, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: US/10/331,907
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002

Db 19 GGGTTCAGCCATTCCT 1
||||| | |||||
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/10/204,254A
FILING DATE: 2002-08-16
APPLICATION NUMBER: PCT/EP01/01760
FILING DATE: 2001-02-16
APPLICATION NUMBER: 00870022.1
FILING DATE: 2000-02-16
APPLICATION NUMBER: 60/195,777
FILING DATE: 2000-04-10
APPLICATION NUMBER: 00870320.9
FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-64
Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2199 CAGCCTCCCAATAGCTTG 2217
||||| ||||| |||||
Db 1 CAGCCTCCCAAGTAGCTAG 19

RESULT 1360
US-10-331-907-242/c
Sequence 242, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hesse, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION NUMBER: US/10/331,907
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
```

US-09-784-423-120/c
; Sequence 120, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 120
; SEQUENCE DESCRIPTION: SEQ ID NO: 120
US-09-784-423-120
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2099 TGAGACCGGCTTGGCTCT 2117
Db 19 TGAGACGGGGCTTGGCTCT 1
RESULT 1363
US-09-733-294A-75
; Sequence 75, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-75
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2270 GACAGGGTTTCACCGTGT 2288
Db 1 GATAGGGTTTCACCATGTT 19
RESULT 1364
US-09-918-686-83/c
; Sequence 83, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-83
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2302 TCGATCTCTGACCTCGTG 2320
Db 19 TCGAATCTCTGACCTCGCG 1
RESULT 1365
US-09-800-631-52
; Sequence 52, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-52
Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGAC 2272
|||||
Db 1 TTGTATTTTAGTAGAGAC 19

RESULT 1366
US-09-899-569A-14
; Sequence 14, Application US/09899569A
; Patent No. US20020142003A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020142003Albert Schweifer
; APPLICANT: Marwa Scherl-Mostagser
; APPLICANT: Wolfgang Sommergruber
; APPLICANT: Roger Abscher
; TITLE OF INVENTION: Tumorassoziiertes Antigen (B345)
; FILE REFERENCE: 0652.2280001
; CURRENT APPLICATION NUMBER: US/09/899,569A
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: DE 100 33 080.0
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: DE 101 19 294.0
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 60/243,158
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: US 60/297,747
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Primer
US-09-899-569A-14

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTC 2205
|||||
Db 2 ATTCTCCCACTCAGCCTC 20

RESULT 1367
US-09-962-059-2/c
; Sequence 2, Application US/09962059
; Publication No. US20030007955A1
; GENERAL INFORMATION:
; APPLICANT: Rees, Riley
; APPLICANT: Kim, Jiyoung
; APPLICANT: Remick, Daniel
; APPLICANT: Adamson, Belinda
; TITLE OF INVENTION: Enclosures Housing Cell-Coated Supports for Treating Tumors
; FILE REFERENCE: UM-06198
; CURRENT APPLICATION NUMBER: US/09/962,059
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 09/640,990
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: 60/149,744
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-962-059-2

Query Match 0.7%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1420 CCAGAGAGTCATGTGTGA 1438
|||||
Db 20 CCAGAGAGTCCTGTGTGA 2

RESULT 1368
US-09-771-933-107/c
; Sequence 107, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-107

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCTC 2205
|||||
Db 20 ATTCTCCCACTCAGCCTC 2

RESULT 1369
US-09-998-716-7/c
; Sequence 7, Application US/09998716
; Publication No. US20030126628A1
; GENERAL INFORMATION:
; APPLICANT: Avigenics, Inc
; TITLE OF INVENTION: Chicken Ovomuroid
; FILE REFERENCE: A181 8170
; CURRENT APPLICATION NUMBER: US/09/998,716
; CURRENT FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer OVINS4
US-09-998-716-7

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 TAGACCATCTACCTCATCT 791
|||||
Db 19 TAAACCATCCACCTCATCT 1

RESULT 1370
US-10-143-266-25
; Sequence 25, Application US/10143266
; Publication No. US20030108887A1

```
; GENERAL INFORMATION:
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-83

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2302 TCGATCTCTGACCTCGTG 2320
Db 19 TCGACTCTCTGACCTCGCG 1

RESULT 1373
US-10-088-726-38
; Sequence 38, Application US/10088726
; Publication No. US20030157558A1
; GENERAL INFORMATION:
; APPLICANT: Matsumoto et al.
; TITLE OF INVENTION: NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS AND USES THEREOF
; FILE REFERENCE: 62514
; CURRENT APPLICATION NUMBER: US/10/088,726
; PRIOR FILING DATE: 2002-03-22
; PRIOR FILING DATE: 2000-12-28
; PRIOR FILING DATE: 1999-12-28
; PRIOR FILING DATE: 1999-12-28
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized primer sequence
US-10-088-726-38

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2142 GTGATCTTGGCTCAGTCA 2160
Db 2 GTGATCTTGGCTCAGTCA 20

RESULT 1374
US-10-210-951-140
; Sequence 140, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```
; GENERAL INFORMATION:
; APPLICANT: Ramm, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-25

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2309 CCTGACCTCGATCGCGC 2327
Db 1 CCTGACCTGATCGGAC 19

RESULT 1371
US-10-293-783-52
; Sequence 52, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-52

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTGTAGAGAC 2272
Db 1 TTGTATTTAAGTAGAGAC 19

RESULT 1372
US-10-353-150-83/c
; Sequence 83, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Proll, Sean
```

```

; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT FILING DATE: 2002-08-02
; CURRENT APPLICATION NUMBER: US/10/210,951
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-140

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCCGCCACCTCGGCC 2337
Db 1 TGACCGCGCCACCTCAGCC 19

RESULT 1375
US-10-211-884-140
; Sequence 140, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT FILING DATE: 2002-08-02

```

```

; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-140

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCCGCCACCTCGGCC 2337
Db 1 TGACCGCGCCACCTCAGCC 19

RESULT 1376
US-10-331-907-296
; Sequence 296, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1e1h Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A

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; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-10-331-907-296

```

```

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2151 GCTCACTGCAAGCTCTGCC 2169
      |||||
Db 1 GTTCACTGCAACCTCTGCC 19

```

```

RESULT 1377
US-10-005-344-325/c
; Sequence 325, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-325

```

```

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 322 CCAACATGCTGTCTTAC 340
      |||||
Db 20 CCAACATGCTGTCTTAC 2

```

```

RESULT 1378
US-10-005-344-346/c

```

```

; Sequence 346, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 346
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-346

```

```

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1258 CATCACTGCAACAGATG 1276
      |||||
Db 20 CATCACTGCAAAAGATG 2

```

```

RESULT 1379
US-10-005-344-347/c
; Sequence 347, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-347

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```

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1288 GTGAGAAATGGCTTCTCTGA 1306
      |||||

```


Db 20 GTGAGAACTGGCTTCCAGA 2

RESULT 1380

US-10-148-355A-63/c
 ; Sequence 63, Application US/10148355A
 ; Publication No. US20030207831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowsett
 ; APPLICANT: ISIS PHARMACEUTICALS, INC.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
 ; FILE REFERENCE: RTSP-0082
 ; CURRENT APPLICATION NUMBER: US/10/148,355A
 ; PRIOR FILING DATE: 2002-09-30
 ; PRIOR FILING DATE: 1999-12-17
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 63
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-10-148-355A-63

Query Match 0.7%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.3e+03;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTCTGTATACC 2124
 ||||| ||||| ||||| |||||
 Db 19 GAGTCTGCTCTGTACCC 1

RESULT 1381

US-10-211-858-140
 ; Sequence 140, Application US/10211858
 ; Publication No. US20030211096A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Marsters, Scott A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Pitti, Robert M.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stone, Donna M.
 ; APPLICANT: Watanabe, Colin I.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
 ; FILE REFERENCE: P2931R1C1
 ; CURRENT APPLICATION NUMBER: US/10/211,858
 ; CURRENT FILING DATE: 2002-08-02
 ; PRIOR APPLICATION NUMBER: 60/014699
 ; PRIOR FILING DATE: 1996-04-01
 ; PRIOR APPLICATION NUMBER: 60/026943
 ; PRIOR FILING DATE: 1996-09-23
 ; PRIOR APPLICATION NUMBER: 60/059121
 ; PRIOR FILING DATE: 1997-07-17
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/062037
 ; PRIOR FILING DATE: 1997-10-10
 ; PRIOR APPLICATION NUMBER: 60/063755
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/063045
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063046

; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/066511
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/066772
 ; PRIOR FILING DATE: 1997-11-24
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 258
 ; SEQ ID NO 140
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
 ; US-10-211-858-140

Query Match 0.7%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.3e+03;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 TGATCGCCGACCTCGGCC 2337
 ||||| ||||| ||||| |||||
 Db 1 TGACCGCCGACCTCAGCC 19

RESULT 1382

US-10-388-263-700
 ; Sequence 700, Application US/10388263
 ; Publication No. US20030228597A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cowsett, Lex M.
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: McNeil, John
 ; APPLICANT: Freier, Susan M.
 ; APPLICANT: Sasmor, Henri M.
 ; APPLICANT: Brooks, Douglas G.
 ; APPLICANT: Ohashi, Cara
 ; APPLICANT: Wyatt, Jacqueline R.
 ; APPLICANT: Borchers, Alexander
 ; APPLICANT: Vickers, Timothy A.
 ; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
 ; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
 ; FILE REFERENCE: ISIS-4503
 ; CURRENT APPLICATION NUMBER: US/10/388,263
 ; CURRENT FILING DATE: 2003-03-12
 ; NUMBER OF SEQ ID NOS: 947
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 700
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-10-388-263-700

Query Match 0.7%; Score 15.8; DB 1; Length 20;
 Best Local Similarity 89.5%; Pred. No. 1.3e+03;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGAC 2272
 ||||| ||||| ||||| |||||
 Db 1 TTGTATTTTAAGTAGAGAC 19

RESULT 1383

US-10-159-834-20
 ; Sequence 20, Application US/10159834
 ; Publication No. US20030228688A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kenneth W. Dobie
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
 ; FILE REFERENCE: RTS-0299

; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-20

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTATCCAGCTGGAGT 2134
Db 1 CTGTGCCCAGACTGGAGT 19

RESULT 1384

US-10-159-834-94/c
; Sequence 94, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-834-94

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2116 CTGTATCCAGCTGGAGT 2134
Db 20 CTGTGCCCAGACTGGAGT 2

RESULT 1385

US-10-399-214-48/c
; Sequence 48, Application US/10399214
; Publication No. US20040023914A1
; GENERAL INFORMATION:

; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/399,214
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 09/690,364
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-399-214-48

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1165 AGAGTGATACAGATTCATT 1183
Db 19 AGAGTGTTCAGATTCAGT 1

RESULT 1386

US-10-280-183A-550
; Sequence 550, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:

; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 550
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-550

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATCTGCCACACACCTGGC 2246
Db 2 ATGTGCCACACACCTGTC 20

RESULT 1387

US-10-303-420-89/c
; Sequence 89, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-89

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACC 2371
||||||| |||||||

```
Db      20 ATTACAGGTGTGAGCCACC 2

RESULT 1388
US-10-671-395-456/c
; Sequence 456, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 456
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-456

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2185 CCATTCTCCTCGCTCAGCC 2203
      |||||
Db      19 CGATTCTCCGCTCAGCC 1

RESULT 1389
US-10-671-395-810/c
; Sequence 810, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 810
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-810

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCATG 2140
      |||||
Db      19 CCCAAGCTGGAGTGAAGTG 1

RESULT 1390
US-10-671-395-837/c
; Sequence 837, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 837
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-837

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2299 GTCCTCATCTCTGACCTC 2317
      |||||
Db      20 GTCCTGAACCTCTGGCCTC 2

RESULT 1392
US-10-671-395-1369/c
; Sequence 1369, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-1334

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2123 CCAGGCTGGAGTGCAGTGG 2141
      |||||
Db      20 CCAAGCTGGAGTGAAGTGG 2

RESULT 1391
US-10-671-395-1334/c
; Sequence 1334, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-1334

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2123 CCAGGCTGGAGTGCAGTGG 2141
      |||||
Db      20 CCAAGCTGGAGTGAAGTGG 2
```

; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1369
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1369

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2117 TGTACCCAGCTGGAGTG 2135
||||| ||||| ||||| ||||| |||||
Db 20 TGTGCCCAAGCTGGAGTG 2

RESULT 1393

US-10-671-395-1416/c
; Sequence 1416, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1416
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1416

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2249 ATTTTGTACTTTTAGTA 2267
||||| ||||| ||||| ||||| |||||
Db 19 AATTTTGTATTTTAGTA 1

RESULT 1394

US-10-671-395-1526/c
; Sequence 1526, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1526
; LENGTH: 20

; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1526

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAA 2344
||||| ||||| ||||| ||||| |||||
Db 19 CCGGCTCGGCTCCCAAA 1

RESULT 1395

US-10-671-395-1551/c
; Sequence 1551, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1551
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1551

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCTGACCT 2316
||||| ||||| ||||| ||||| |||||
Db 19 GGTCTCGAACTCTGCGCT 1

RESULT 1396

US-10-671-395-1610/c
; Sequence 1610, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1610
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1610

Query Match 0.7%; Score 15.8; DB 1; Length 20;

```
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTCG 2312
    ||| ||||| |||||
Db 20 GGAGGGTCTCGACTCTCG 2

RESULT 1397
US-10-671-395-1614/c
; Sequence 1614, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1614
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1614

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2257 TACTTTTAGTAGACAGG 2275
    ||| ||||| |||||
Db 20 TATTTTGTAGTAGACGGG 2

RESULT 1398
US-10-671-395-1772/c
; Sequence 1772, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1772
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1772

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2291 CCAGGATGCTCGATCTC 2309
    ||||| ||||| |||||
Db 19 CCAGGAGGGTCTCGAATC 1
```

```
RESULT 1399
US-10-664-639A-37/c
; Sequence 37, Application US/10664639A
; Publication No. US20040137471A1
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas, M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT FILING DATE: 2003-09-18
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; NAME/KEY: misc feature
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-664-639A-37

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCCGCCACCTCGGC 2336
    ||||| ||||| |||||
Db 19 GTGATCCTCCACCTCAGC 1

RESULT 1400
US-10-476-021-96
; Sequence 96, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT FILING DATE: 2003-10-24
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-96

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGC 2361
```

Db 2 AAGTACTGAGATTACAGGC 20
||||| ||| |||||||||

RESULT 1401

US-10-856-218A-7/c
; Sequence 7, Application US/10856218A
; Publication No. US20050003414A1
; GENERAL INFORMATION:
; APPLICANT: Avigenics, Inc.
; TITLE OF INVENTION: Ovomucoid Promoter and Methods of Use
; FILE REFERENCE: AVI-019CIP2
; CURRENT APPLICATION NUMBER: US/10/856.218A
; CURRENT FILING DATE: 2004-05-28
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer OVINS4
US-10-856-218A-7

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 TAGACCATCTACCTCATCT 791
||| ||||| |||||
Db 19 TAAACCATCCACCTCATCT 1

RESULT 1402

US-10-890-685-25
; Sequence 25, Application US/10890685
; Publication No. US20050003426A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/890.685
; CURRENT FILING DATE: 2004-07-14
; PRIOR APPLICATION NUMBER: US/10/143,266
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-890-685-25

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2309 CCTGACCTCGTATCCGCC 2327
||||| ||||| |||||
Db 1 CCTGACCTTGATCCGAC 19

RESULT 1403

US-10-032-924-61/c
; Sequence 61, Application US/10032924
; Publication No. US20030022190A1
; GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; Leushner, James
; Dunn, James M.
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
; MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/032,924
; FILING DATE: 26-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/649,950
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-028-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for BRCA1 gene
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-10-032-924-61

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1701 TGTGCAAGAAGCTAAAGA 1719
||||| ||||| |||||
Db 20 TGTCTTAAGAAGCTAAAGA 2

RESULT 1404

US-10-005-956-801/c
; Sequence 801, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03

; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-801

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1405
US-10-005-956-802/c
; Sequence 802, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-802

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1406
US-10-005-956-1034/c
; Sequence 1034, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1034
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1034

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1407
US-10-005-956-1035/c
; Sequence 1035, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1035
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1035

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2236 CCACACCTGGCTAATTTT 2254
||||| |||||||
Db 19 CCACACCCAGCTAATTTT 1

RESULT 1408
US-10-251-117-540/c
; Sequence 540, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 540
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-540

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| : |||||
Db 19 AGGTGTCCTTGAAGGTG 1

RESULT 1409
US-10-251-117-544
; Sequence 544, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-544

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.3e+03;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| : |||||
Db 1 AGGUGUCCUUGAAGGUG 19

RESULT 1410
US-10-251-117-548/c
; Sequence 548, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552

; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 548
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-548
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (3)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(7)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (21)..(21)
; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
US-10-251-117-548
Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAAGGTG 705
||||| : |||||
Db 19 AGGTGTCCTTGAAGGTG 1

RESULT 1411
US-10-251-117-552
; Sequence 552, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.


```
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/350,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 552
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (7)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (10)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; OTHER INFORMATION: US-10-251-117-552

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.3e+03;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAGGTG 705
Db 1 AGGUGUCCCUUGAAGGUG 19

RESULT 1412
US-10-136-728-129/c
; Sequence 129, Application US/10136728
; Publication No. US20030236188A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Li, Li
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Anderson, David W.

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/350,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 552
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; NAME/KEY: misc_feature
; LOCATION: (7)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (10)..(12)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
; OTHER INFORMATION: US-10-251-117-552

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1.3e+03;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 687 AGGTGTCACCTTGAGGTG 705
Db 1 AGGUGUCCCUUGAAGGUG 19

RESULT 1412
US-10-136-728-129/c
; Sequence 129, Application US/10136728
; Publication No. US20030236188A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Li, Li
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Anderson, David W.

; TITLE OF INVENTION: No. US20030236188A1 Human Proteins, Polynucleotides Encoding T
; FILE OF INVENTION: The Same
; FILE REFERENCE: 21402-347 D (Cura 647 Other)
; CURRENT APPLICATION NUMBER: US/10/136,728
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: 60/288,395
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/289,087
; PRIOR FILING DATE: 2001-05-07
; PRIOR APPLICATION NUMBER: 60/289,619
; PRIOR FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: 60/289,818
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,817
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/290,194
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/290,753
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/291,189
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/292,374
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/293,107
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
; OTHER INFORMATION: US-10-136-728-129

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2353 ATTACAGGCGATGAGCCACC 2371
Db 21 ATTACAGGTGTGAGCCACC 3

RESULT 1413
US-10-349-143-10751/c
; Sequence 10751, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10751
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complete
US-10-349-143-10751

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1309 ATAAAGGGAAGATGAAGG 1327
||||| ||||||| |||||
Db 19 ATAAAGGGAAGATGAAGG 1

RESULT 1414
US-10-349-143-11288/c
; Sequence 11288, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11288
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3944 for SEQ 3423, in complete
US-10-349-143-11288

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1037 AGATCAGTTTGTAGTTAGAA 1055
||||| ||||||| |||||||
Db 19 AGATCAGTTTGTAGTTAGAA 1

RESULT 1415
US-10-416-941-19
; Sequence 19, Application US/10416941
; Publication No. US20040132032A1
; GENERAL INFORMATION:
; APPLICANT: Bendixen, Christian
; APPLICANT: Svendsen, Soren
; APPLICANT: Jensen, Helle
; APPLICANT: Panitz, Frank

; APPLICANT: Aasberg, Anders
; APPLICANT: Holm, Lars-Erik
; APPLICANT: Horn, Per
; APPLICANT: Hoj, Anette
; APPLICANT: Thomsen, Bo
; APPLICANT: Jeppesen, Mette
; APPLICANT: Nielsen, Vivi Hunnicke
; APPLICANT: Jonker, Marc
; TITLE OF INVENTION: GENETIC TEST FOR THE IDENTIFICATION OF CARRIERS OF COMPLEX VERTE
; FILE REFERENCE: MALFORMATIONS IN CATTLE
; FILE REFERENCE: 5799.143USWO
; CURRENT APPLICATION NUMBER: US/10/416,941
; CURRENT FILING DATE: 2003-05-15
; PRIOR APPLICATION NUMBER: PCT/DK01/00756
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: DK PA200100765
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: DK PA200001717
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Primer
US-10-416-941-19

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GAGGAAATGATGATATAAA 1455
||||| ||||||| |||||
Db 2 GAGGAAATGATGATATAAA 20

RESULT 1416
US-10-627-253A-89
; Sequence 89, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; CURRENT FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 89
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-89

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGGCCACCTCGGC 2336
||||| ||||||| |||||||
Db 2 GTGATCGGCCACCTCGGC 20

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RESULT 1417
US-10-253A-90/c
; Sequence 90, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORNHINWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-90

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 GTGATCGGCCACTCGGC 2336
DB 20 GTGATCGGCCCGCTCGGC 2

RESULT 1418
US-10-786-720-2942
; Sequence 2942, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2942
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-2942

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTT 1685
DB 3 UGGCCAAACAGGUCUUCU 21

RESULT 1419
US-10-786-720-3191
; Sequence 3191, Application US/10786720
; Publication No. US20040191818A1
```

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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3191
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-3191

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1667 TGGCAAAACAGGACATCTT 1685
DB 3 UGGCCAAACAGGUCUUCU 21

RESULT 1420
US-10-786-720-11638
; Sequence 11638, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11638
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11638

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1444 ATGATGATAAAATTACACA 1462
DB 2 ATGATGATAAACTTACAGA 20

RESULT 1421
US-10-786-720-19991
; Sequence 19991, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19991
; LENGTH: 21
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; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-19991

Query Match
Best Local Similarity 0.7%; Score 15.8; DB 1; Length 21;
Matches 11; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCCAGCCTCC 2206
::|::|::|::|::|::|
Db 1 UUCUCCUACGAGCCUAC 19

RESULT 1422
US-10-786-720-20191/c
; Sequence 20191, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20191
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20191

Query Match
Best Local Similarity 0.7%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGAGTG 2135
||| ||| ||| ||| ||| |||
Db 19 TGTGTCCAGGCTGAGTG 1

RESULT 1423
US-10-786-720-20465
; Sequence 20465, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20465
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20465

Query Match
Best Local Similarity 0.7%; Score 15.8; DB 1; Length 21;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2354 TTACAGGATGAGCCACCG 2372
::|::|::|::|::|::|
Db 1 UUACAGGCGUGAGCCACUG 19
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RESULT 1424
US-10-674-159A-190/c
; Sequence 190, Application US/10674159A
; Publication No. US20040242518A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Jianzhu
; APPLICANT: Ge, Qing
; APPLICANT: Eisen, Herman
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0506
; CURRENT APPLICATION NUMBER: US/10/674,159A
; CURRENT FILING DATE: 2003-09-29
; NUMBER OF SEQ ID NOS: 271
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence (siRNA)
; FEATURE:
; OTHER INFORMATION: targeted to influenza virus type A PB2 segment
US-10-674-159A-190

Query Match
Best Local Similarity 0.7%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTT 1931
||| ||| ||| ||| ||| |||
Db 20 AATATAATTGACCTGCTTT 2

RESULT 1425
US-10-751-736-17002/c
; Sequence 17002, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17002
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-17002

Query Match
Best Local Similarity 0.7%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2291 CCAGGATGGTCTCGATCTC 2309
||| ||| ||| ||| ||| |||
Db 19 CCAGGAGGTCTCGATCTC 1

RESULT 1426
US-10-751-736-23635
; Sequence 23635, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
```

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23635
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23635

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2151 GCTCACTGCAAGCTCTGCC 2169
Db 3 GATCACTGCAACCTCTGCC 21

RESULT 1427
US-10-751-736-23770
; Sequence 23770, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23770
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23770

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2145 ATCTTGGCTCACTCAAGC 2163
Db 3 ATCTTGGCTCACTGAACCC 21

RESULT 1428
US-10-751-736-23926
; Sequence 23926, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
```

```
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23926
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23926

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2151 GCTCACTGCAAGCTCTGCC 2169
Db 1 GATCACTGCAACCTCTGCC 19

RESULT 1429
US-10-751-736-23935
; Sequence 23935, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23935
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-23935

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2304 GATCTCTGACCTCGTGAT 2322
Db 1 GAACTCTGACCTTGAT 19

RESULT 1430
US-10-751-736-42593/c
; Sequence 42593, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42593
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-42593
```

```
Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
    ||||| ||||| |||||
Db 19 GATTACAGGTGTGAGCCAC 1

RESULT 1431
US-10-751-736-42917/c
; Sequence 42917, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751.736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 42917
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-42917

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2228 ATCTGCCACCACTGGC 2246
    ||||| ||||| |||||
Db 19 ATGTGCCACCACTGGC 1

RESULT 1432
US-09-790-417-252/c
; Sequence 252, Application US/09790417
; Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790.417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 252
; LENGTH: 17
; TYPE: DNA

Query Match          0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene
US-09-790-417-252

Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
    ||||| ||||| |||||
Db 17 TGCTCTGTACCCAGGC 1

RESULT 1433
US-09-866-108-7368
; Sequence 7368, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7368

Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 818 AGAAATTCAGATGAAT 834
|||||
Db 1 AGAAATTCAGTGAAT 17

RESULT 1434
US-09-739-909-2/c
; Sequence 2, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan W.
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-2

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
|||||
Db 17 TGCTCTGTACCCAGGC 1

RESULT 1435
US-09-776-474-13
; Sequence 13, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-13

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+03;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 937 GAAGCAGTAGCAGTGA 953
|||||
Db 1 GAAGCAGTAGCAGTGA 17

RESULT 1436
US-09-776-474-802
; Sequence 802, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-802

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+03;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 935 AGAGCAGTAGCAGTG 951
|||||
Db 1 AAGAGCAGTAGCAGTG 17

RESULT 1437
US-10-152-297-88/c
; Sequence 88, Application US/10152297
; Publication No. US2003007621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene
US-10-152-297-88

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTTACCCAGGC 2128
|||||
Db 17 TGCTCTGTTACCCAGGC 1

RESULT 1438
US-10-060-998-414/c
; Sequence 563, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 414
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-414

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1765 TTGTGCTAACTATTTC 1781
|||||
Db 17 TTGTGCTAACTATTTC 1

RESULT 1439
US-10-156-306-563
; Sequence 563, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 563
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-563

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTG 2286

Db 1 GACAGGGUUUACCAUG 17
|||||
RESULT 1440
US-10-156-306-564
; Sequence 564, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 564
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-564

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2271 ACAGGGTTTCACCGTG 2287
|||||
Db 1 ACAGGGUUUACCAUG 17

RESULT 1441
US-10-156-306-565
; Sequence 565, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 565
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-565

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.4e+03;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2272 CAGGGTTTCACCGTG 2288
|||||
Db 1 CAGGGUUUACCAUG 17

RESULT 1442
US-10-156-306-575
; Sequence 575, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306

; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1681

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2354 TTACAGGATGAGCCAC 2370
:::|||||:|||||
Db 1 UUACAGGCAUGGCCAC 17

RESULT 1448
US-10-156-306-1718
; Sequence 1718, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1718

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGATGAG 2366
||||:|||||:|||||
Db 1 GGGUUAUACAGGGAUGAG 17

RESULT 1449
US-10-156-306-2389
; Sequence 2389, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2389

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.4e+03;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCAAGCT 2129
|||:|:|:|:|:|:|
Db 1 GCUCUGUUGCCAGGCU 17

RESULT 1450
US-10-156-306-2390
; Sequence 2390, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2390

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2119 TTACCCAGGCTGGAGTG 2135
:::|||||:|||||
Db 1 UUGCCAGGCGUGGAGUG 17

RESULT 1451
US-10-156-306-2403
; Sequence 2403, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2403
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2403

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGATGAGCC 2368
||:|||||:|||||
Db 1 GAUUAACAGGCAUGGCC 17

RESULT 1452
US-10-156-306-2415
; Sequence 2415, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013

; SEQ ID NO 3789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3789

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2266 TAGACAGGGTTTCAC 2282
: |||||:|:|:|
Db 1 UAAAGACAGGGUUCAC 17

RESULT 1458

US-10-156-306-3790
; Sequence 3790, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3790
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3790

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2267 AGACAGGGTTTCACC 2283
: |||||:|:|:|
Db 1 AAAGACAGGGUUCACC 17

RESULT 1459

US-10-156-306-3795
; Sequence 3795, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3795
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3795

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2192 CCGCTCAGCTCCCA 2208
: |||||:|:|:|
Db 1 CCUGCCGCGGUCCCA 17

RESULT 1460

US-10-156-306-3799
; Sequence 3799, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3799

Query Match 0.8%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAC 2367
: |||||:|:|:|
Db 1 GGAUACAGGGAUGAC 17

RESULT 1461

US-10-156-306-3800
; Sequence 3800, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3800
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3800

Query Match 0.8%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAC 2368
: |||||:|:|:|
Db 1 GAUACAGGGAUGAC 17

RESULT 1462

US-10-156-306-3801
; Sequence 3801, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3801

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3801

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGCATGACCA 2369
Db 1 AUAACAGGAGCCCA 17

RESULT 1463
US-10-156-306-3802
; Sequence 3802, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3802

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.4e+03;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2356 ACAGGCATGACCA 2372
Db 1 ACAGGAGGACCA 17

RESULT 1464
US-10-255-434-12/c
; Sequence 12, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-12

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCA 2141
Db 1 ATCTCGGCTCACTGCA 17

RESULT 1466
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCA 2141
Db 1 ATCTCGGCTCACTGCA 17
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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCA 2161
Db 1 ATCTCGGCTCACTGCA 1

RESULT 1465
US-10-255-434-24
; Sequence 24, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Sequence
US-10-255-434-24

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTTGCTCACTGCA 2161
Db 1 ATCTCGGCTCACTGCA 17

RESULT 1466
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match      0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGCGTGGAGTGCA 2141
Db 1 ATCTCGGCTCACTGCA 17
```

Db 1 AGGCUAGAAUGCAGUGG 17

RESULT 1467

US-10-238-700-699
; Sequence 699, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 699
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-699

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2348 CTGGATTACAGGCATG 2364

Db 1 CUGGGAUACAGCGUG 17

RESULT 1468

US-10-238-700-718
; Sequence 718, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-718

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2298 GGTCTCGATCTCCTGAC 2314

Db 1 GGUCUGAACUCCUGAC 17

RESULT 1469

US-10-339-782-278/c
; Sequence 278, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.

; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 278
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-278

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2307 CTCTGACCTCGTGATC 2323

Db 17 CTCTGACCGGTGATC 1

RESULT 1470

US-10-061-201-694
; Sequence 694, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 694
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-694

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 GTCTAATAAGGAGATA 926

Db 1 GTTATAAGGAGATA 17

RESULT 1471

US-10-061-201-695
; Sequence 695, Application US/10061201

Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 695
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-695

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TGTAATAAGGAGATAT 927
| | | | | | | | | | | | | | | | | | | | |
Db 1 TTTAATAAGGAGATAT 17

RESULT 1472
US-10-091-281-354/c
Sequence 354, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 354
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MEF2/RSRFC4.02 motif
US-10-091-281-354

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2252 TTTGTACTTTTAGTAG 2268
| | | | | | | | | | | | | | | | | | | | |
Db 17 TTTGTACTTTTAGTAG 1

RESULT 1473
US-10-282-174-170/c
Sequence 170, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-170

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTGG 2141
| | | | | | | | | | | | | | | | | | | | |
Db 17 AGGCTGGAGTGCAGTGG 1

RESULT 1474
US-10-723-361-7368
Sequence 7368, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A.
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 7368
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-723-361-7368

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 818 AGAAATTCAGTGAAT 834
Db 1 AGAAATTCAGTGAAT 17
|||||

RESULT 1475
US-10-498-462-2244
; Sequence 2244, Application US/10498462
; Publication No. US20040259175A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Jinjiao
; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
; FILE REFERENCE: PB01102
; CURRENT APPLICATION NUMBER: US/10/498,462
; CURRENT FILING DATE: 2004-06-10
; PRIOR APPLICATION NUMBER: US 60/339,764
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: PCT/US02/37506
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 3320
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2244
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-498-462-2244

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 38 GCCCTGTGTTCGGAAA 54
Db 1 GCCCTGTGTTCGGAAA 17
|||||

RESULT 1476
US-09-263-959-1276/c
; Sequence 1276, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee

;; APPLICANT: Koop, Ben F.
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
;; NUMBER OF SEQUENCES: 1279
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry LLP
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: US
;; ZIP: 98104-7092
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMasters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 1276:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-263-959-1276

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2121 ACCAGGCTGGAGTGCA 2137
Db 17 ATCCAGGCTGGAGTGCA 1
|||||

RESULT 1477
US-10-089-887-4/c
; Sequence 4, Application US/10089887
; Publication No. US20030219740A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Corporation et al.
; TITLE OF INVENTION: DNA Sequences Isolated from Human Colonic Epithelial Cells
; FILE REFERENCE: 1657/1020
; CURRENT APPLICATION NUMBER: US/10/089,887
; CURRENT FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: US 60/147,933
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-089-887-4

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGCACT 2139
Db 18 CCAGGCTGGAGTGCACT 2
|||||

RESULT 1478

US-10-731-739-438
; Sequence 438, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1479
US-10-477-238A-438
; Sequence 438, Application US/10477238A
; Publication No. US20040221326A1
; GENERAL INFORMATION:
; APPLICANT: Babi, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-212
; CURRENT APPLICATION NUMBER: US/10/477,238A
; CURRENT FILING DATE: 2003-11-10
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1480
US-10-680-287A-438
; Sequence 438, Application US/10680287A
; Publication No. US20040244069A1
; GENERAL INFORMATION:
; APPLICANT: Babi, Philip
; APPLICANT: Yaworsky, Paul
; APPLICANT: Bex, Frederick J. III
; APPLICANT: Bodine, Peter Van Nest
; TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
; FILE REFERENCE: 032796-179
; CURRENT APPLICATION NUMBER: US/10/680,287A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/US02/14876
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,071
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/291,311
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: US 60/353,058
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: US 60/361,293
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 438
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-287A-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
||| ||||| ||||| |||||
Db 1 GTACTGGGATTACAGGC 17

RESULT 1481
US-09-263-959-1172
; Sequence 1172, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:

```
;
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1172

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCA 2160
Db 1 GATCTGGCTCACTGCA 17

RESULT 1482
US-10-344-394-46
; Sequence 46, Application US/10344394
; Publication No. US20040058342A1
; GENERAL INFORMATION:
; APPLICANT: Yousef, George M.
; APPLICANT: Diamandis, Eleftherios P.
; TITLE OF INVENTION: NOVEL KALLIKREIN GENE
; FILE REFERENCE: 11757.51USWO
; CURRENT APPLICATION NUMBER: US/10/344,394
; PRIOR FILING DATE: 2003-02-11
; PRIOR APPLICATION NUMBER: PCT/CA01/01141
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/224,853
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: segments/peptides derived from human sequence
US-10-344-394-46

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 AACTGGGAGCTTGTGAG 262
Db 1 AACTGGGAGGCTTGTGAG 17

RESULT 1483
US-09-964-059B-68
; Sequence 69, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-68

;
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1172

Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCA 2160
Db 1 GATCTGGCTCACTGCA 17

RESULT 1484
US-10-027-983-90
; Sequence 90, Application US/10027983
; Publication No. US20030139360A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-90

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGTGCTGAGATTACAG 2359
Db 1 AAGTGTGCTGAGATTACAG 17

RESULT 1485
US-10-251-598-152/c
; Sequence 0, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Gershon, Elliot S.
; APPLICANT: Badner, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Sanders, Alan R.
; APPLICANT: Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/251,598
; FILING DATE: 19-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952
; FILING DATE: 19-Apr-1999
```

APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: Clone 23 forward primer
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...20
SEQUENCE DESCRIPTION: SEQ ID NO: 152:
US-10-251-598-152

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1904 CTTCTCTTTAGTATAAT 1920
Db 20 CTTCTCTTTAGTATGAT 4

RESULT 1486
US-10-005-344-369/c
Sequence 369, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 369
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-369

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 304 GCAGGCAAAATGTGCAAT 320
Db 17 GTAGGCAAAATGTGCAAT 1

RESULT 1487
US-10-448-753-90
Sequence 90, Application US/10448753
Publication No. US20030211611A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/448,753
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US/10/027,983
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-90

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTGCTGGGATTACAG 2359
Db 1 AAGTGCTGGGATTACAG 17

RESULT 1488
US-10-289-762-6585/c
Sequence 6585, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffois, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention of infection and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6585
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-6585
Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 239 TGAAGGAAACTGGGGAG 255
Db 17 TCAGGGAACTGGGGAG 1

RESULT 1489
US-10-671-395-608/c
Sequence 608, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25

```
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 608
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-608

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2101 AGACCGAGTCTTGCTCT 2117
Db 17 AGACAGAGTCTTGCTCT 1

RESULT 1490
US-10-671-395-688/c
/ Sequence 688, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671.395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 688
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-688

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCTCAGCTTCC 2206
Db 20 CTCCTGCTCAGCTTCC 4

RESULT 1491
US-10-671-395-848/c
/ Sequence 848, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gierse, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671.395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 848
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
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```
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-848

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGGATTACAGGCATGA 2365
Db 20 TGGGATGACAGGCATGA 4

RESULT 1492
US-10-181-174B-51/c
/ Sequence 51, Application US/10181174B
/ Publication No. US20040132674A1
/ GENERAL INFORMATION:
/ APPLICANT: RESKE-KUNZ, A.B.
/ APPLICANT: ROSS, RALF
/ APPLICANT: BROS, MATTHIAS
/ TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN DENDRITIC CELLS AND USES THEREOF
/ FILE REFERENCE: VOS-38
/ CURRENT APPLICATION NUMBER: US/10/181.174B
/ CURRENT FILING DATE: 2002-07-12
/ PRIOR APPLICATION NUMBER: P 100 01 169.1
/ PRIOR FILING DATE: 2000-01-13
/ PRIOR APPLICATION NUMBER: P 100 10 188.7
/ PRIOR FILING DATE: 2000-03-02
/ NUMBER OF SEQ ID NOS: 72
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: primer
US-10-181-174B-51

Query Match      0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCACTGCA 2160
Db 18 GATCTGGCTCACTGCA 2

RESULT 1493
US-10-484-669-87
/ Sequence 87, Application US/10484669
/ Publication No. US20040209358A1
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
/ FILE REFERENCE: RTS-0267
/ CURRENT APPLICATION NUMBER: US/10/484.669
/ CURRENT FILING DATE: 2004-01-23
/ PRIOR APPLICATION NUMBER: US/09/920,759
/ PRIOR FILING DATE: 2001-08-01
/ NUMBER OF SEQ ID NOS: 91
/ SEQ ID NO 87
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-484-669-87

Query Match      0.6%; Score 15.4; DB 1; Length 20;
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Best Local Similarity 94.1%; Pred. No. 1.4e+03; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2145 ATCTGGCTCACTGCAA 2161
Db 3 ATCTGGCTCACTACAA 19
RESULT 1494
US-09-725-265-42/c
; Sequence 42, Application US/09725265
; Publication No. US20010000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-42
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2048 TTTTTCCTTAAATATGAT 2067
Db 20 TTTTTCCTTAAATATATAT 1
RESULT 1495
US-09-733-294A-79/c
; Sequence 79, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-79

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2106 GAGTCTTGCTCTGTACCCA 2125
Db 20 GAGTCTTGCTCTGTGCCCCA 1
RESULT 1496
US-09-800-631-32
; Sequence 32, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-32
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2275 GGTTCACCGTGTAGCCAG 2294
Db 1 GGTTCACCATGTGTGTCAG 20
RESULT 1497
US-09-800-631-33
; Sequence 33, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXF
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-33
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2146 TCTTGGCTCACTGCAAGTC 2165
Db 1 TCTGGGCTCACTACACCTC 20
RESULT 1498
US-09-800-631-49

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; Sequence 49, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-49

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2342 AAAGTGTGGGATTACAGGC 2361
Db      1  AAGTAGCTGGGATTACAGGC 20

RESULT 1499
US-09-800-631-66
; Sequence 66, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-66

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2285 TGTAGCCAGGATGCTCTCG 2304
Db      1  TGTAGCCAGGATGCTCTCG 20

RESULT 1500
US-09-263-959-1166
; Sequence 1166, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue

; Sequence 1166, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
```

```
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1166:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1166

Query Match          0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2144 GATCTGGCTCACTGCAAGC 2163
Db      1  GATCTCAGCTCACTGCAATC 20

RESULT 1501
US-09-263-959-1274/c
; Sequence 1274, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1274

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTGCTCTGTGTACCCAG 2126
      ||||| ||||| |||||
Db 20 AGTCTAGCTCTGTGTGCCAG 1

RESULT 1502
US-09-985-335-15
; Sequence 15, Application US/09985335
; Publication No. US20020164794A1
; GENERAL INFORMATION:
; APPLICANT: Wernnet, Peter
; TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
; FILE REFERENCE: P66065US1
; CURRENT APPLICATION NUMBER: US/09/985,335
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: U.S. 60/245,168
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer sequence
US-09-985-335-15

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 296 GGTGAGGAGCAGCAAAATGT 315
      ||||| ||||| |||||
Db 1 GGTGAGGAGCAGCAAAATGT 20

RESULT 1503
US-09-931-375A-21/c
; Sequence 21, Application US/09931375A
; Publication No. US20030027151A1
; GENERAL INFORMATION:
; APPLICANT: WARMAN, Matthew L.
; APPLICANT: GONG, Yaoqin
; APPLICANT: OLSEN, Bjorn R.
; APPLICANT: RAWADI, Georges
; TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
; TITLE OF INVENTION: OSTEOPOROSIS
; FILE REFERENCE: 38464-0004
; CURRENT APPLICATION NUMBER: US/09/931,375A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/304,851
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/234,337
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 60/226,119
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Primer
US-09-931-375A-21

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGCTTTGCT 2115
      ||||| ||||| |||||
Db 20 TTTTGAGACCGAGCTTTGCT 1

RESULT 1504
US-09-865-866-139/c
; Sequence 139, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-139

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1551 TTTGAAAGGGAAGAAACCCA 1570
      ||||| ||||| |||||
Db 20 TTGCAAAGGGAGAGAGCCCA 1

RESULT 1505
US-09-860-836B-33
; Sequence 33, Application US/09860836B
; Publication No. US20030054002A1
; GENERAL INFORMATION:
; APPLICANT: WAKELAND, WARD
; APPLICANT: WANDSTRADT, AMY
; APPLICANT: MOREL, LAURENCE
; TITLE OF INVENTION: ISOLATION OF GENES WITHIN SLE-1B THAT MEDIATE A BREAK
; TITLE OF INVENTION: IN IMMUNE TOLERANCE
; FILE REFERENCE: UTSD:722US
; CURRENT APPLICATION NUMBER: US/09/860,836B
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 60/204,963
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-860-836B-33

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2235 ACCACACCTGGCTAATTTT 2254
      ||||| ||||| |||||
Db 1 ACCATGCTGGCTAATTTGT 20
```

```
RESULT 1506
US-09-906-158-150/c
; Sequence 150, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-150

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2141 GGTGATCTTGCTCACTGCA 2160
Db      20 GGTGATCTTGCTCACTGCA 1

RESULT 1507
US-09-967-669-58/c
; Sequence 58, Application US/09967669
; Publication No. US20030092650A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
; FILE REFERENCE: RTS-0259
; CURRENT APPLICATION NUMBER: US/09/967,669
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-58

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2116 CTGTTACCCAGGCTGGAGTG 2135
Db      20 CTTTGGCCACTCTGGAGTG 1

RESULT 1508
US-09-953-318-98
; Sequence 98, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-98

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2116 CTGTTACCCAGGCTGGAGTG 2135
Db      20 CTTTGGCCACTCTGGAGTG 1

RESULT 1509
US-09-541-848-51/c
; Sequence 51, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide M4
US-09-541-848-51

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      695 CCTTGAAGGTGGAGTGATC 714
Db      20 CCTTGATGGTGGAGTGATC 1

RESULT 1510
US-09-908-147-150
; Sequence 150, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-150
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-98

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2234 CACCACACCTGGCTAAATTTT 2253
Db      1 CACCATGCCGGCTAAATTT 20

RESULT 1509
US-09-541-848-51/c
; Sequence 51, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiaodong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide M4
US-09-541-848-51

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      695 CCTTGAAGGTGGAGTGATC 714
Db      20 CCTTGATGGTGGAGTGATC 1

RESULT 1510
US-09-908-147-150
; Sequence 150, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-150
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Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGCATGAG 2366
|||||
Db 1 GCTGGATTAAAGCGTGCG 20

RESULT 1511
US-09-964-059B-104
; Sequence 104, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-104

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGTCGATCTCCTG 2312
|||||
Db 1 AGGCTGCTGTGAATCTCTG 20

RESULT 1512
US-09-843-377-87/c
; Sequence 87, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-87

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2108 GTCTTGCTCTGTACCCAGG 2127
|||||
Db 20 GTCTTGACATGTGCCCCAGG 1

RESULT 1513
US-09-843-377-89
; Sequence 89, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett

; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-89

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCCTCCCA 2208
|||||
Db 1 TCTCTTGCATCAGCCTCTCA 20

RESULT 1514
US-10-014-137-14
; Sequence 14, Application US/10014137
; Publication No. US20020160487A1
; GENERAL INFORMATION:
; APPLICANT: Yee, David P
; APPLICANT: Deisher, Theresa A
; TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
; FILE REFERENCE: ZGCL-1
; CURRENT APPLICATION NUMBER: US/10/014,137
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 09/137,223
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 60/056,130
; PRIOR FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC14284
US-10-014-137-14

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2140 GGCTGATCTTGGCTCACTGC 2159
|||||
Db 1 GTGCGATCTCGGCTCACTGC 20

RESULT 1515
US-10-085-906-314/c
; Sequence 314, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25

;
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 314
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-314

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGTGG 2141
DB 20 CCCAGACTAGAGTGTAGTGG 1

RESULT 1516
US-10-085-906-352/c
; Sequence 352, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-352

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAGTGCA 2137
DB 20 GTCGCTCAGGCTGGAGTGCA 1

RESULT 1517
US-10-222-334-14/c
; Sequence 14, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Galila
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patentin version 3.1

;
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-14

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCCGGCT 2129
DB 20 CTCACCTGTGTCACCCAGGCT 1

RESULT 1518
US-10-209-608-42/c
; Sequence 42, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2048 TTTTTCCTTAATATGTAT 2067
DB 20 TTTTTCCTTAATATATATAT 1

RESULT 1519
US-10-293-783-32
; Sequence 32, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07